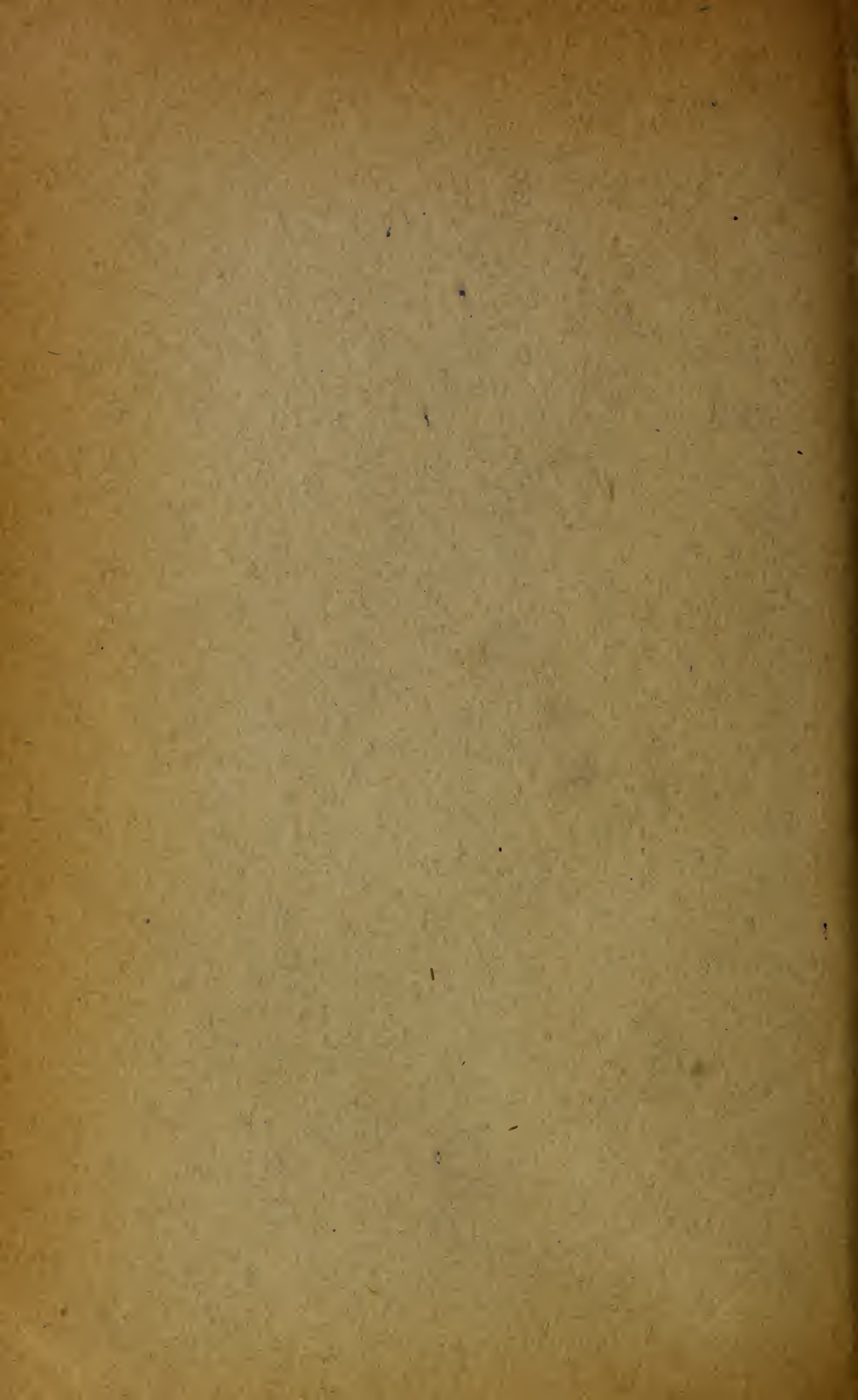


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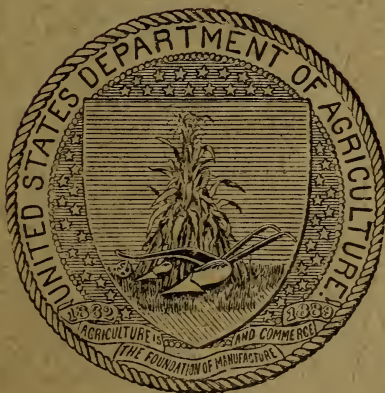
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TO THE

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APRIL-JUNE, 1903.



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1903.

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## PUBLICATIONS OF THE LIBRARY OF THE DEPARTMENT OF AGRICULTURE.

### BULLETINS.

- No. 1. Accessions to the Department Library [January-March], 1894.
2. Periodicals and society publications currently received at the Department Library. 1894.
3. Accessions to the Department Library, April-June, 1894.
4. Accessions to the Department Library, July-October, 1894.
5. Accessions to the Department Library, November-December, 1894.
6. Accessions to the Department Library, January-March, 1895.
7. Accessions to the Department Library, April-June, 1895.
8. Accessions to the Department Library, July-September, 1895.
9. List of publications of the U. S. Department of Agriculture from 1841 to June 30, 1895, inclusive. 1896.
10. Accessions to the Department Library, October-December, 1895.
11. Accessions to the Department Library, January-March, 1896.
12. Accessions to the Department Library, April-June, 1896.
13. Accessions to the Department Library, July-September, 1896.
14. Accessions to the Department Library, October-December, 1896.
15. Accessions to the Department Library, January-March, 1897.
16. References to the literature of the sugar beet, exclusive of works in foreign languages; compiled by Claribel R. Barnett. 1897.
17. Accessions to the Department Library, April-June, 1897.
18. Bibliography of poultry; compiled by Emma B. Hawks. 1897.
19. Accessions to the Department Library, July-September, 1897.
20. Reference list of publications relating to edible and poisonous mushrooms; compiled by Josephine A. Clark. 1898.
21. Accessions to the Department Library, October-December, 1897.
22. Accessions to the Department Library, January-March, 1898.
23. Accessions to the Department Library, April-June, 1898.
24. List of publications relating to forestry in the Department Library. 1898.
25. Accessions to the Department Library, July-September, 1898.
26. Accessions to the Department Library, October-December, 1898.
27. Accessions to the Department Library, January-March, 1899.
28. Accessions to the Department Library, April-June, 1899.
29. Accessions to the Department Library, July-September, 1899.
30. Accessions to the Department Library, October-December, 1899.
31. Accessions to the Department Library, January-March, 1900.
32. Accessions to the Department Library, April-June, 1900.
33. Accessions to the Department Library, July-September, 1900.
34. Accessions to the Department Library, October-December, 1900.
35. Accessions to the Department Library, January-March, 1901.
36. Accessions to the Department Library, April-June, 1901.
37. Catalogue of the periodicals and other serial publications (exclusive of U. S. Government publications) in the Library of the U. S. Department of Agriculture; prepared under the direction of Josephine A. Clark, Librarian. 1901.

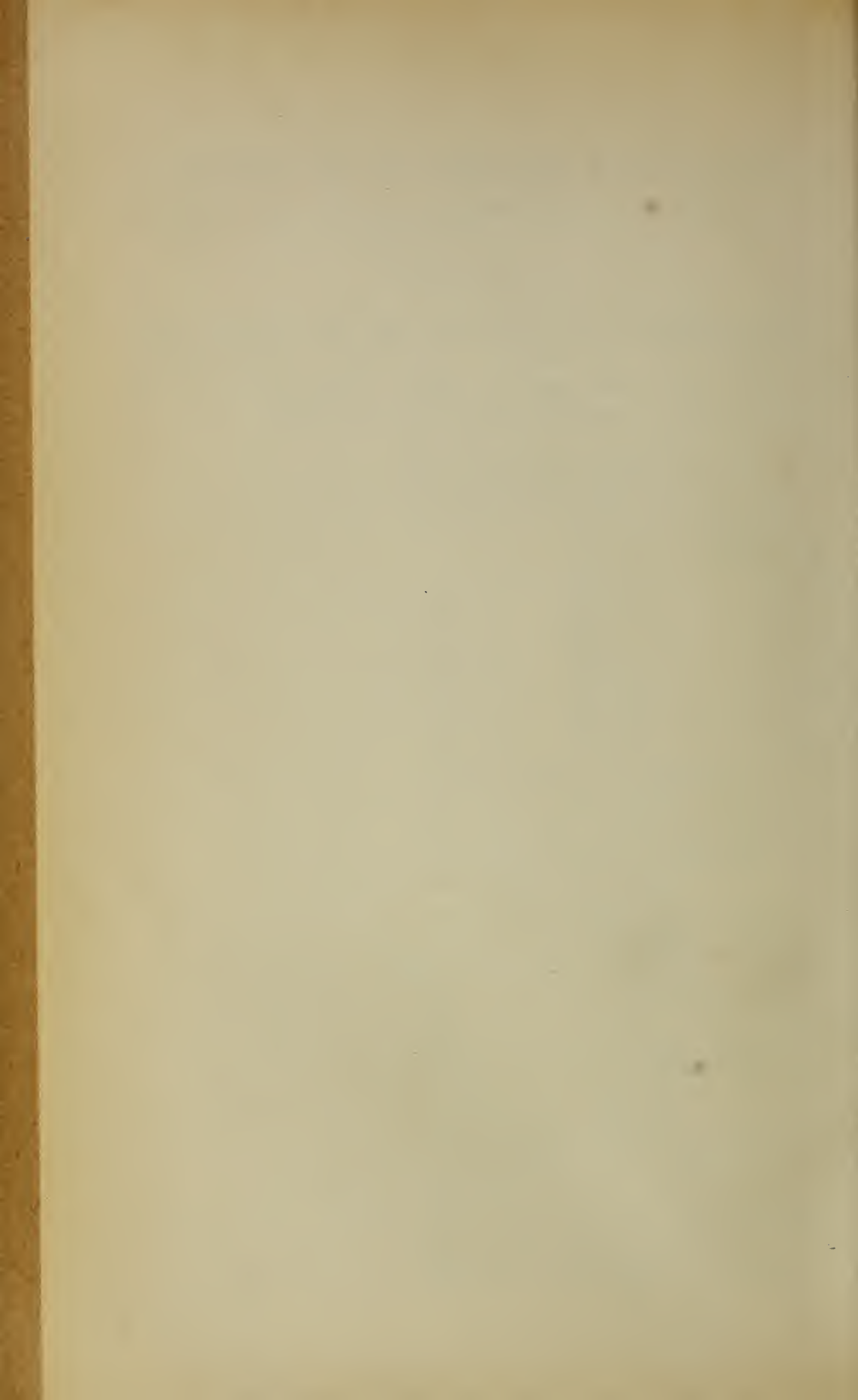
# United States Department of Agriculture,

## LIBRARY.

### ERRATA.

In Library Bulletin No. 47, April-June, 1903, there occur the following mistakes in the serial numbers. Those wishing to order catalogue cards by the serial number from the Library of Congress must send the corrected numbers to insure the receipt of the card desired.

- Page 14, Delacroix, for Agr 3-847 read Agr 3-856.  
“ 15, Bonaparte, for Agr 3-848 read Agr 3-857.  
“ 16, Ferguson, for Agr 3-849 read Agr 3-858.  
“ 27, Ehrlich, for Agr 3-819, read Agr 3-828.  
“ 28, Levaditi, for Agr 3-829 read Agr 3-838.  
“ 29, Ehrlich, for Agr 3-817 read Agr 3-826.  
“ “ “ “ Agr 3-818 read Agr 3-827.  
“ “ “ “ Agr 3-820 “ Agr 3-829.  
“ “ “ “ Agr 3-821 “ Agr 3-830.  
“ “ “ “ Agr 3-822 “ Agr 3-831.  
“ “ “ “ Agr 3-823 “ Agr 3-832.  
“ “ “ “ Agr 3-824 “ Agr 3-833.  
“ “ “ “ Agr 3-826 “ Agr 3-835.  
“ 30, “ “ Agr 3-827 “ Agr 3-836.  
“ “ Korschun, for Agr 3-828 read Agr 3-837.  
“ Levaditi, for Agr 3-830 read Agr 3-839.  
“ Lipstein, for Agr 3-831 read Agr 3-840.  
“ Lubowski, for Agr 3-832 read Agr 3-841.  
“ Madsen, for Agr 3-833 read Agr 3-842.  
“ “ “ Agr 3-834 read Agr 3-843.  
“ “ Marx, for Agr 3-836 read Agr 3-845.  
“ “ “ Agr 3-837 read Agr 3-846.  
“ 31, Morgenroth, for Agr 3-838 read Agr 3-847.  
“ “ “ Agr 3-839 read Agr 3-848.  
“ “ Neisser, for Agr 3-840 read Agr 3-849.  
“ “ “ Agr 3-841 “ Agr 3-850.  
“ “ Pröschner, for Agr 3-843 read Agr 3-852.  
“ “ Sachs, for Agr 3-844 read Agr 3-853.  
“ “ “ Agr 3-445 “ Agr 3-854.  
“ “ “ Agr 3-846 “ Agr 3-855.  
“ 35, Bailey, for Agr 3-851 read Agr 3-860.  
“ “ Darby, for Agr 3-852 read Agr 3-861.  
“ 36, Green, for Agr 3-853, read Agr 3-862.  
“ 37, Lindley, for Agr 3-854, read Agr 3-863.  
“ 40, Spotton, for Agr 3-855, read Agr 3-864.  
“ “ “ for Agr 3-856, read Agr 3-865.  
“ 41, Dionne, “ Agr 3-850, “ Agr 3-859.



U. S. DEPARTMENT OF AGRICULTURE.

LIBRARY—BULLETIN No. 47.

JOSEPHINE A. CLARK, LIBRARIAN.

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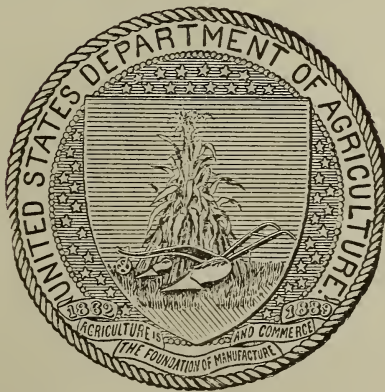
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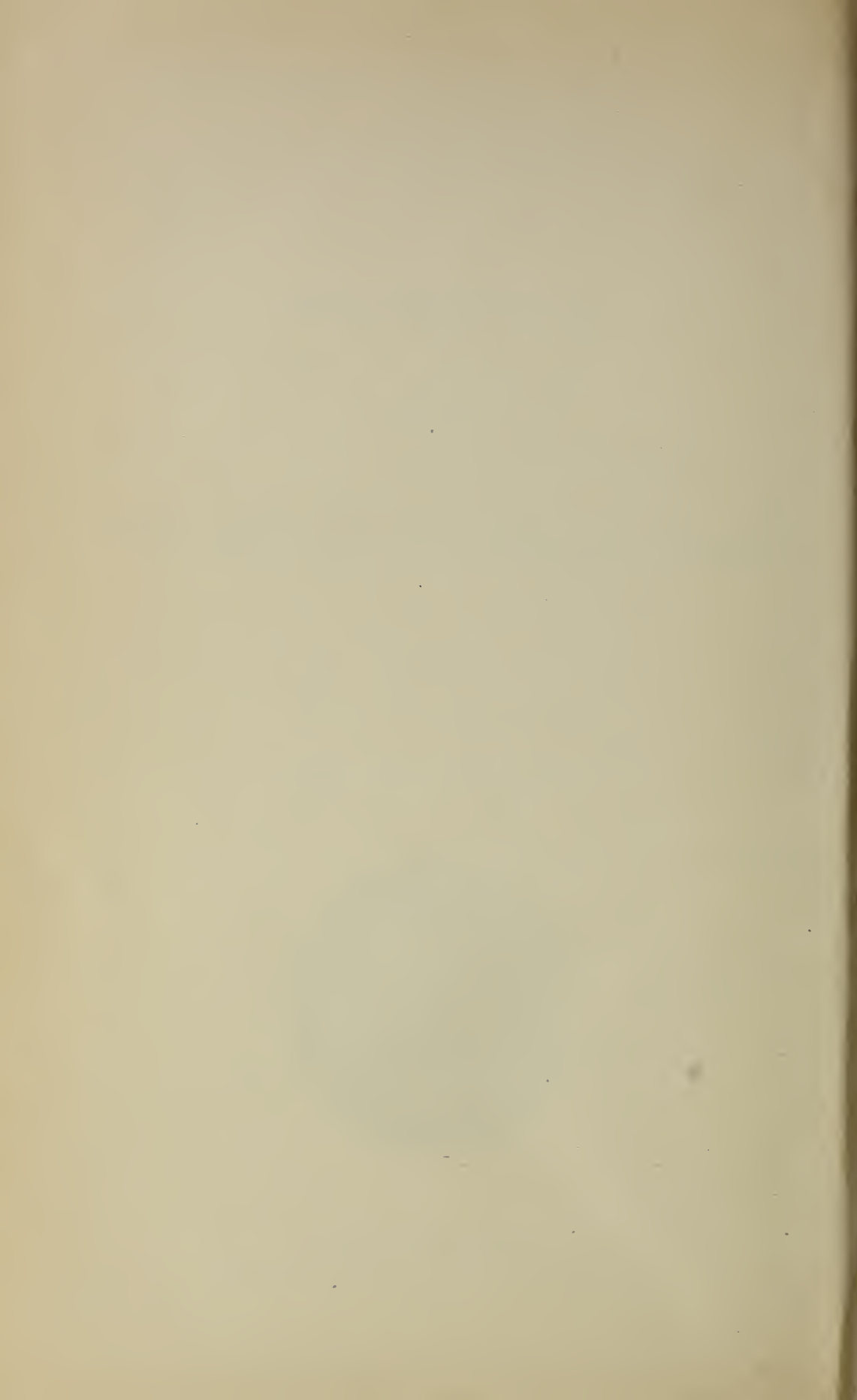
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## LETTER OF TRANSMITTAL.

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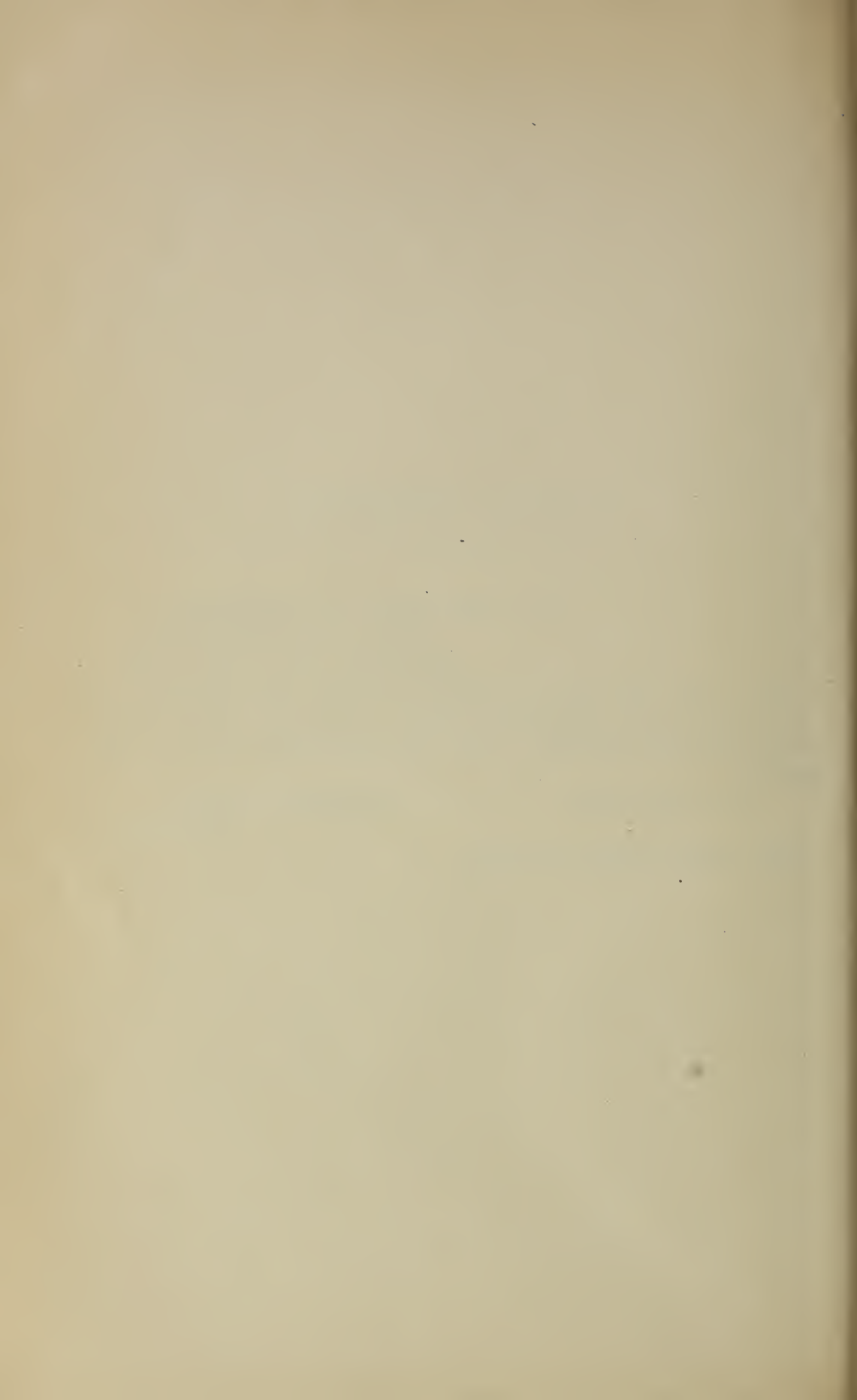
U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE LIBRARIAN,  
*Washington, D. C., July 1, 1903.*

SIR: I have the honor to transmit herewith the manuscript of "Accessions to the Department Library, April-June, 1903," and to recommend the publication of the same as Bulletin No. 47 of the Library.

Very respectfully,

JOSEPHINE A. CLARK,  
*Librarian.*

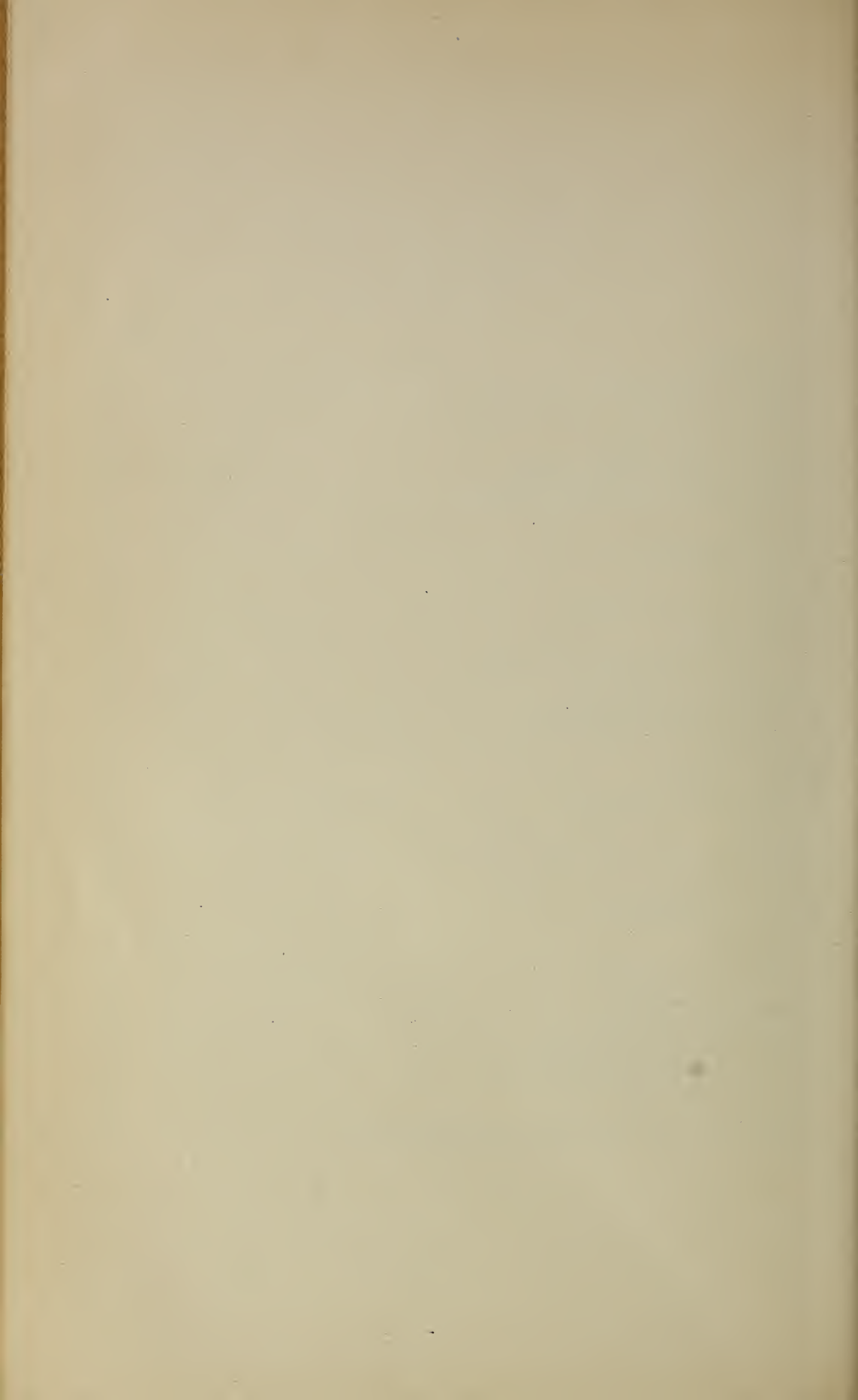
Hon. JAMES WILSON, *Secretary.*



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# ACCESSIONS TO THE DEPARTMENT LIBRARY.

APRIL-JUNE, 1903.

## 1. AGRICULTURE.

**Bayerischer landwirthschaftsrath.** Vierteljahresschrift des Bayerischen landwirthschaftsrathes, zugleich organ der landwirthschaftlichen lehranstalten, versuchsstationen Bayerns und der K. B. Moorkulturanstalt . . . VII. jahrg., 1902 . . . 1 fold. pl. 22 $\frac{1}{2}$ <sup>cm</sup>. München, Pössenbacher'sche buchdruckerei (Klöck & Giehl), 1902.

**Bologna—Agricoltura, Ufficio provinciale per l'.** Annali . . . 1893-1900/01. illus. 24 $\frac{1}{2}$ <sup>cm</sup> (anno 1-4, 25 $\frac{1}{2}$ <sup>cm</sup>) Bologna, Società tipografica già compositori, 1894-1901.

Anno 1, 1893, title reads: Annali della Cattedra provinciale di agricoltura e dell' Ufficio tecnico del Comizio agrario di Bologna. Anno 2-4, 1894-96, title reads: Annali dell' Ufficio provinciale per l' agricoltura e del Comizio agrario di Bologna. Anno 5-7, 1897-99/1900, title reads: Annali e ragguagli dell' Ufficio provinciale per l' agricoltura, del R. laboratorio chimico agrario e del Comizio agrario di Bologna. Anno 8, 1900/01, title reads: Annali dell' Ufficio provinciale per l' agricoltura ed Atti del Comizio agrario di Bologna.

**Bruttini, Arturo.** . . . Il libro dell' agricoltore; agronomia, agricoltura, industrie agricole . . . 3 p. l., [ix]-xix, 446 p. illus., double pl. 15<sup>cm</sup>. Milano, U. Hoepli, 1902. (Manuali Hoepli)

Agr 3-574

**Canada—Agriculture, Department of.** Report of the Minister of agriculture . . . for the year ended October 31, 1897-1902 . . . pl., plans (partly fold.) 25<sup>cm</sup>. Ottawa, Printed by S. E. Dawson, printer to the King's Most Excellent Majesty, 1898-1903.

1897 is for the calendar year.

**Caravia, A.** Elementos de agricultura práctica para el uso de las escuelas primarias. Obra compuesta por A. Caravia, de Montevideo. Revisada y arreglada para la América Central por el Dr. P. Ospina. 74, [1] p. 25<sup>cm</sup>. Guatemala, Imprenta de "La República," 1900.

Wanting p. 53-56.

Issued with "La república" agrícola.

**Chia Ssu-hsieh.** Ch'i min yao fa [Important methods for improving the condition of the people] 4 v. 27<sup>cm</sup>.

In Chinese.

Reprint of a work of later Wei dynasty, A. D. 386-535.

**Colorado—Agriculture, State board of.** Twenty-fourth annual report of the State board of agriculture and the State agricultural college, including the fifteenth annual report of the Agricultural experiment station, Fort Collins, Colorado, 1902. front., pl., tab. 23<sup>cm</sup>. Denver, The Smith-Brooks printing co., state printers, 1903.

**Cotton states association of commissioners of agriculture.** Proceedings of the third-fourth annual convention . . . 1901-02 . . . 22 $\frac{1}{2}$ <sup>cm</sup>. Raleigh, 1902.

**Curaçaosche maatschappij tot bevordering van landbouw, veeteelt, zoutwinning en visscherij.** Jaarboekje . . . 1903. 1. jaargang. tab. 15<sup>cm</sup>. Amsterdam, J. H. de Bussy, 1903.

**Delaware—Agriculture, State board of.** The first and second annual reports . . . (new series) 1901-1902 . . . 24<sup>cm</sup>. Dover, The Sentinel printing co. [1903]

**Diffloth, Paul.** . . . *Agriculture générale* . . . Introduction par le Dr P. Regnard . . . xii, 416 p. illus., tab. 18<sup>cm</sup>. Paris, J.-B. Baillière et fils, 1903. (*Encyclopédie agricole*) Agr 3—684

The **Dominica** agriculturist no. 1. Being the journal of the Dominica agricultural society for the year 1900 . . . 24½<sup>cm</sup>. Dominica, W. I. [1903]  
 Edited by H. A. A. Nicholls.

**Florida**—*Agriculture, Commissioner of.* Report . . . for the period beginning January 1, 1901, and ending December 31, 1902. map, tab. 22<sup>cm</sup>. Tallahassee, I. B. Hilson, state printer, 1903.

Contains Report of the State chemist of Florida, 1901-2.

**Highland and agricultural society of Scotland.** Transactions . . . 5th ser., v. xv with index to v. VIII-XIV . . . illus., tab., diagr. 23<sup>cm</sup>. Edinburgh [etc.] W. Blackwood & sons, 1903.

**Idaho**—*Farmers' institutes.* First biennial report of the Idaho farmers' institutes for 1901-1902, pub. by the University of Idaho, Moscow, Idaho. 22½<sup>cm</sup>. Moscow, Idaho, North Idaho star print [1903?]

**India**—*Central Provinces—Agriculture, Department of.* . . . Report . . . for the year 1901-02 (ending 31st March 1902) 33½<sup>cm</sup>. Nagpur, Printed at the Secretariat press, 1903.

**India**—*United provinces of Agra and Oudh—Land records and agriculture, Department of.* Report on the operations of the Dept. . . . for the year ending 30th September 1902. tab. 33½<sup>cm</sup>. Allahabad, Printed at the United provinces of Agra and Oudh government press, 1902.

**Iowa**—*Agriculture, Department of.* The Iowa year book of agriculture . . . 1902 . . . front., illus., pl., port. 21½<sup>cm</sup>. Des Moines, B. Murphy, state printer, 1903.

**Jahres-bericht** über die erfahrungen und fortschritte auf dem gesamtgebiete der landwirthschaft, zum gebrauch für praktische landwirthe, begründet von ökonomierath Dr. Buerstenbinder. 1.-2., 9.-10., 12.-15. jahrg.; 1886-87, 1894-95, 1897-1900. illus., pl. (partly fold.) 22<sup>cm</sup>. Braunschweig, F. Vieweg und sohn, 1887-1901.

Editors: 1886-87, Richard Buerstenbinder and K. Stammer.—1894-1900, Emil Pommer.  
 Completes Library set to date.

**Jonsson, J. V.** Örebro läns Kongl. hushållnings-sällskaps historia 1803-1902 jämte öfversikt öfver landthushållningens utveckling inom länet under samma tid . . . 2 v. front. (v. 1) ports., fold. map, tab., 4 diagr. (3 fold.) 23<sup>cm</sup>. Örebro, Örebro dagblads tryckeri, 1902. Agr 3—714

**Kansas**—*Agriculture, State board of.* Report . . . for the quarter ending March, 1903, including a discussion of the mutual interests of farmers and the railroads, by representatives of each; together with other addresses, papers and discussions at the Board's thirty-second annual meeting, January 14-16, 1903. Also, various information upon the production and improvement of corn, and sugar-beet growing in Kansas in 1901-02. illus., pl. 23<sup>cm</sup>. Topeka [1903]

**Landwirthschaftlicher verein in Bayern.** Haus- und landwirthschaftskalender . . . auf das gemeine jahr 1903. illus., map. 28<sup>cm</sup>. München, In commission der Pöffenbacher'schen verlagsdruckerei [1903?]

**Landwirthschaftlicher verein in Bayern.** Wochenblatt . . . Hrsg. vom Bayerischen landwirthschaftsrath. 92. jahrg., 1902. illus., tab. 29½<sup>cm</sup>. München, Druck der Dr. Wild'schen buchdruckerei (Gebr. Parcus) 1902.

**Louisiana**—*Agriculture and immigration, Commissioner of.* Annual report . . . and crop report for December, 1902 . . . pl. 22½<sup>cm</sup>. Baton Rouge, Printed at the Truth book and job office, 1903.

**Louisiana**—*Farmers' institutes.* . . . Bulletin no. 6 . . . 23<sup>cm</sup>. Baton Rouge, Printed at the Truth book and job office, 1902.

**Malmöhus läns kongl. hushållnings-sällskap.** Matrikel för år 1903. 20½<sup>cm</sup>. Malmö, Förlags-aktiebolagets boktryckeri, 1903.

**Manitoba—***Agriculture and immigration, Department of.* . . . Report . . . for the year ending December 31st, 1902. tab. 25<sup>cm</sup>. Winnipeg, J. Hooper, King's printer for the Province of Manitoba, 1903.

**Mentzel und v. Lengerke's** landwirtschaftlicher hülfs- und schreib-kalender . . . Hrsg von Dr. Hugo Thiel . . . 56. jahrg., 1903. 2 pts. 15½<sup>cm</sup>. Berlin, P. Parey, 1903.

**Michigan—***Agriculture, State board of.* Forty-first annual report . . . and fifteenth annual report of the Experiment station from July 1, 1901, to June 30, 1902. illus., tab. 23½<sup>cm</sup>. Lansing, Wynkoop Hallenbeck Crawford co., state printers, 1902.

**Milan. Reale scuola superiore di agricoltura in Milano—***Istituzione agraria Dott. Andrea Ponti.* . . . Annuario . . . v. III, anni rurali 1900-1901 . . . fold. tab., 2 fold. diagr. 23<sup>cm</sup>. Milano, Premiata tipografia agraria, 1902.

**Montana—***Agriculture, labor and industry, Bureau of.* Eighth report . . . for the year ending November 30, 1902 . . . illus., pl. (partly fold.) 26½<sup>cm</sup>. Helena, Montana, Independent publishing company, official state printers and binders [1903]

**Münzinger, Adolf.** Die landwirtschaft im industriekreise Mannheim . . . 103 p. incl. tab. 1 fold. tab. 22½<sup>cm</sup>. Plieningen, Druck von F. Find, 1902. Agr 3-715  
Inaug.-dis.—Jena.

**Nederlandsch landbouw-comité.** Verslag van de handelingen . . . over 1899-1900. 26-26½<sup>cm</sup>. Amsterdam, Gedrukt bij J. H. de Bussy, 1900-01.

**Netherlands—***Waterstaat, handel en nijverheid, Departement van.* Verzameling van verslagen betrekking hebbende op de vanwege het rijk gesubsidiëerde proefvelden, het landbouwonderwijs, de rijkslandbouwproefstations, het veeartsenijkundig onderwijs en de paarden- en veefokkerij als tak van staatszorg. 1901-1902 . . . p. 1-880. 24½<sup>cm</sup>. 's-Gravenhage, Gebrs. J. & H. van Langenhuyzen, 1902.

**New Jersey—***Agriculture, State board of.* . . . Thirtieth annual report . . . 1902 . . . front., illus., pl., port., fold. map. 23<sup>cm</sup>. Trenton, The J. L. Murphy publishing co., printers, 1903.

**New South Wales—***Agriculture, Department of.* . . . Miscellaneous publication, no. 543, 590, 602, 628 . . . illus., pl., plan. 25½<sup>cm</sup>. [Sydney, W. A. Gullick, government printer, 1902-03]

From Agricultural Gazette of N. S. Wales. January, August, October, 1902, January, 1903.

CONTENTS.—no. 543. Incubators and brooders and their management . . . D. S. Thompson.—no. 590. Cowpea (vigna-catiang), fodder plant and soil renovator. Geo. L. Sutton.—no. 602. The small Yorkshire pig at Hawkesbury agricultural college. H. W. Potts.—no. 628. Construction of pig-sty buildings. By A. Brooks.

**New Zealand—***Agriculture, Department of.* . . . The tenth report . . . 1902. front., illus., pl. (partly col.) port., plan, tab. (partly fold.) 24½<sup>cm</sup>. Wellington, J. Mackay, government printer, 1902.

**North Dakota—***Agriculture and labor, Department of.* Seventh biennial report . . . for the term ending June 30, 1902. front., pl., tab. Bismarck, Tribune, state printers and binders, 1903.

**Norway—***Landbruks-direktør.* Aarsberetning angaaende de offentlige foranstaltninger til landbrugets fremme i aaret 1900, pt. II, 1901, pt. II. 22½<sup>cm</sup>. Kristiania, Grøndahl & Søn, bogtrykkeri, 1901-02.

CONTENTS.—Stipendieberetninger.

**Nova Scotia—***Agriculture, Secretary for.* Annual report . . . for the year 1902. illus., tab. (partly fold.) 24½<sup>cm</sup>. Halifax, Commissioner of public works and mines, King's printer, 1903.



**Overijsselsche vereeniging tot ontwikkeling van provinciale welvaart.** Overzicht der landbouw-scheikunde voor Nederlanders . . . vi, [7]—66 p. 23<sup>cm</sup>. Zwolle, W. E. J. Tjeenk Willink, 1846. Agr 3—731

**Philippine Islands—Agriculture, Bureau of.** Report . . . for the year ended August 1, 1902. pl. 23<sup>cm</sup>. [n. p., 1903?] From the Report of the Philippine commission.

**Quebec (Province)—Agriculture, Department of.** Report . . . 1903 [1901/02] illus., pl., plans, tab. 25<sup>cm</sup>. Quebec, Printed by C. Pageau, printer to the King's Most Excellent Majesty, 1903.

**Rajagopal, Naidu G.** Vivasaya vilakkum [Agriculture explained] . . . 2d ed. enl. 8, 213 p. illus. 21½<sup>cm</sup>. Madras, Messrs Goodwin and co., 1902.

**Royal agricultural society of England.** The journal . . . v. 63. front. (port.) illus., pl., plans, tab., diagr. 22<sup>cm</sup>. London, J. Murray, 1902.

**Royal Jersey agricultural and horticultural society—Agricultural department.** . . . Annual report for 1902, together with a list of prizes awarded during the year, and a schedule of prizes offered in 1903. fold. tab. 21½<sup>cm</sup>. Jersey, C. P. Du Parcq, printer & stationer, 1903.

**Société d'agriculture du département de Constantine.** Bulletin bi-mensuel . . . 15 oct. 1896. 22. année. 8. v., n° 17. 22<sup>cm</sup>. Constantine, Impr. à vapeur É. Marle [1896]

**Society for the promotion of agricultural science.** Proceedings of the twenty-fourth annual meeting . . . held at Washington, D. C. 1903 . . . front. (port.) pl. 23<sup>cm</sup>. [n. p., 1903]

**Staring, W. C. H.** De aardkunde en de landbouw van Nederland. Eene voorlezing, gehouden voor de Overijsselsche vereeniging ter ontwikkeling van provinciale welvaart . . . 78, [2] p. 23½<sup>cm</sup>. Zwolle, W. E. J. Tjeenk Willink, 1844. Agr 3—651

**Sweden—Kongliga jordbruks-departementet.** [Meddelanden] VII—IX. illus. 23½<sup>cm</sup>. Stockholm, I. Marcus' boktr.-aktiebolag, 1903.

CONTENTS.—VII. Om spritindustrien i Tyskland . . . af H. Juhlin-Dannfelt och Gunnar Dillner.—VIII. Om landtmäteriförhållanden uti Preussen, Östersjöprovinserna, Finland, Norge och Danmark . . . af Joh. Hamrin.—IX. Meddelanden angående den med statsmedel understödda hästpremieringen, M. M.

**Switzerland—Commerce, de l'industrie et de l'agriculture, Département fédéral du.** Rapport . . . sur sa gestion en 1902. 3. division. Agriculture. tab. (partly fold.) 21<sup>cm</sup>. [n. p.] 1903.

**Tidsskrift for landbrugets planteavl.** Hovedorgan for statens forsøg og undersøgelser vedrørende markens avlsplanter. Redigeret af E. Rostrup. 8. bd., 8 bd. supplementshefte, 9. bd. tab. 23½<sup>cm</sup>. Kjøbenhavn, T. Linds boghandel, 1902.

Supplementshefte, title reads: Uddrag af fremmed litteratur vedrørende landbrugets jorddyrkning og plantekultur for aar 1900 ved T. Westermann.

**Utah—Farmers' institutes** . . . Annual no. 6 . . . for the fiscal year ending June 30, 1902 . . . front., illus., tab. 22<sup>cm</sup>. Provo, Utah, The Skelton pub. co., 1902.

**Verona, Accademia d' agricoltura, scienze, lettere, arti e commercio di.** Atti e memorie . . . Indici dei volumi I—LXXV (I, II e III serie) compilati da Giuseppe Biadego . . . xxxi, [1], 233, [1] p. 24½<sup>cm</sup>. Verona, Stabilimento tipografico G. Franchini, 1903.

**Wisconsin—Agriculture, State board of.** Annual report . . . for the year 1902 . . . front., pl. 22½<sup>cm</sup>. Madison, Democrat printing company, state printer, 1903.

**Wolf, Julius.** Tatsachen und aussichten der ostindischen konkurrenz im weizhandel . . . viii, 168 p. 23½<sup>cm</sup>. Tübingen, H. Laupp, 1886. Agr 3—707

"Litteraturangabe": p. [vii]—viii.

**Wye, Kent. South-eastern agricultural college.** . . . The journal . . . no. 12; March, 1903. illus., pl. 21<sup>cm</sup>. London, and Ashford, Kent, Headley brothers [1903]



## 2. AGRICULTURAL EDUCATION.

**Belgium**—*Agriculture, Ministère de l'.* Avis aux cultivateurs, n° 1-14 . . . 24½<sup>cm</sup>. [n. p.] 1901-03.

CONTENTS.—L'enseignement horticole.

**Bonn-Poppelsdorf, Königl. landwirthschaftliche akademie**—*Institut für bodenlehre und pflanzenbau.* . . . II. jahresbericht . . . für das jahr vom 1. april 1902 bis 31. märz 1903. 34<sup>cm</sup>. [Bonn, C. Georgi, Universitäts-buchdruckerei, 1903]

**Colegio agrícola centroamericano, Costa Rica.** Contrato. cover-title, 8 p. 20½<sup>cm</sup>. San José, Tipografía nacional, 1893.

**Massachusetts**—*Agricultural college.* . . . Fortieth annual report . . . January, 1903. tab., diagr. 23½<sup>cm</sup>. Boston, Wright & Potter printing co., state printers, 1903.

**Midland agricultural and dairy institute, Kingston, Eng.** Prospectus . . . 1900-1. 21½<sup>cm</sup>. [n. p., 1901]

**Mississippi**—*Agricultural and mechanical college.* Nineteenth annual catalogue . . . 1898-1899 . . . announcement, 1899-1900. front., pl. 22½<sup>cm</sup>. Meridian, The Meridian news, printers and binders [1899]

**Norges landbrugshøiskole.** Regler for elevers optagelse, afgifter, orden og disciplin, undervisning og prøver . . . 37 p. 22½<sup>cm</sup>. [n. p., Johansen & Nielsens bogtrykkeri, 1902]

**Nova Scotia school of horticulture.** Report . . . [1901/02] illus. 25<sup>cm</sup>. Halifax, T. C. Allen & co., printers and stationers, 1903.

**Ontario**—*Agricultural college and experimental farm.* Twenty-eighth annual report . . . 1902 . . . illus., plans, diagr. 24<sup>cm</sup>. Toronto, Printed by L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

**Portici [Italy] Regia scuola superiore d' agricoltura.** Annali . . . ser. 2, v. iv. illus., pl. (partly fold.) tab. 25<sup>cm</sup>. Portici, Premiato stab. tip. vesuviano, 1903. Includes "Bibliografia dell' utiligo mays zeae," by G. Mottareale; also "Elenco delle pubblicazioni connesse col Laboratorio di chimica agraria in Portici dal 1877 al 1901."

**Rhode Island**—*College of agriculture and mechanic arts, Kingston.* Ninth annual report . . . made to the General assembly, at its January session, 1897.. pt. 1. pl. 23½<sup>cm</sup>. Providence, E. L. Freeman & sons, printers to the state, 1897.

**South Dakota**—*Agricultural college, Brookings.* . . . Annual catalog. 1897-98, 1900-1901. With announcements for 1898-99, 1901-1902. front., pl. 17<sup>cm</sup>. Brookings, The college, 1898-1901.

**Wallace, Robert.** Memoranda on agriculture education . . . 35<sup>cm</sup>. [Edinburgh? 1903]

Binder's title.

Bound volume of circulars and pamphlets.

"Contents of bound 8vo pamphlets (1903) and references to published papers and letters by Robert Wallace": no. 45.

## 3. EXPERIMENT AND SEED CONTROL STATIONS.

**Argentine Republic**—*Agricultura, Ministerio de—Agricultura y ganadería, Dirección de.* . . . Elección y selección de las semillas y estaciones de control y ensayos. 2. edición por Carlos D. Girola . . . Trabajo dedicado al Congreso industrial argentino . . . 32 p. illus. 26½<sup>cm</sup>. Buenos Aires, Imprenta y enc. de P. Gadola, 1902.

At head of title: Congreso industrial argentino. 2. sección: agricultura; cereales; sistemas de cultivo, selección y adaptación de las semillas.

**British Guiana**—*Botanic gardens.* . . . Report on the agricultural work . . . for the years 1896-1901 . . . tab. 32½<sup>cm</sup>. Georgetown, Demerara, C. K. Jardine, printer to the government of British Guiana, 1902.

**Canada**—*Experimental farms*. . . . Reports . . . for 1902 . . . illus., pl., tab. 25<sup>cm</sup>. Ottawa, Printed by S. E. Dawson, printer to the King's Most Excellent Majesty, 1903.

Appendix to the Report of the Minister of agriculture.

**Christiania, Norway**—*Statens kemiske kontrolstation og frøkontrollanstalt*. Beretning . . . 1902. 22½<sup>cm</sup>. Kristiania, Grøndahl & søns bogtrykkeri, 1903.

**Connecticut agricultural college, Storrs, Conn.** . . . Annual report of the trustees . . . for the period embraced within the first day of December, 1901, and November 30, 1902 . . . illus., pl., map, fold. plan, diagr. 23<sup>cm</sup>. [Hartford] Hartford press, 1902.

**France**—*Département de la Loire-Inférieure—Station agronomique*. Bulletin . . . exercice 1901-1902 . . . tab. 23<sup>cm</sup>. Nantes, Impr. C. Mellinet, 1903.

**Göteborgs och Bohus läns frökontrollanstalt**. Redogörelse för . . . värksamhet under arbetsåret 1 juli 1901 till 30 juni 1902. tab. 20½<sup>cm</sup>. [Göteborg, Göteborgs litografiska aktiebolag, 1903]

**Groningen, Rijkslandbouwpreefstation te**. Verslag van proefnemingen naar de oorzaken van het lage percentage vluchtige vetzuren in nederlandsche boter . . . fold. diagr. 24½<sup>cm</sup>. 's Gravenhage, Gebrs. J. & H. van Langenhuyzen, 1902.

Overgedrukt uit de "Verzameling van verslagen . . . enz." 1901-1902.

**Halle a. S. Universität**—*Landwirthschaftliches institut*. Berichte aus dem physiologischen laboratorium und der versuchsanstalt . . . Hrsg. von Dr. Julius Kühn . . . 1.-3., 5.-7. hft. illus., pl., fold. tab. 28<sup>cm</sup>. (1.-3. 5. hft., 23<sup>cm</sup>) Dresden, G. Schönfeld, 1872-87.

Hft. 1 has imprint: Halle, Verlag der buchhandlung des Waisenhauses, 1872.

**Haro (Spain) Estación enológica de**. . . . Memoria anual . . . julio de 1902. 1 fold. plan, tab. (partly fold.) 23½<sup>cm</sup>. Haro, Imprenta y librería de Viela é Iturbe [1902]

**Hildesheim, Ger. Landwirtschaftliche versuchsstation**. Bericht über die thätigkeit . . . 1902. tab. 25<sup>cm</sup>. Hannover, Druck der Göhmanschen buchdruckerei, 1903.

**Hoorn (Netherlands). Vereeniging tot exploitatie eener proefzuivelboerderij**. . . . Verslag over het jaar 1901. tab. (partly fold.) fold. diagr. 24<sup>cm</sup>. Hoorn, A. Houdijk, 1902.

**Jena. Universität**—*Landwirthschaftliche versuchsstation*. Bericht über die thätigkeit . . . für das jahr 1900. tab. 28<sup>cm</sup>. [Jena, H. Pohle, 1901]

**Landwirthschafts-gesellschaft (K. K.) für Kärnten—Landwirthschaftlich-chemische versuchsstation in Klagenfurt**. Bericht über die thätigkeit . . . im jahre 1902 . . . 22½<sup>cm</sup>. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1903]

Sonderabdruck aus der "Zeitschrift für das landwirtschaftliche versuchswesen in Oesterreich" 1903.

**Louisiana—Agricultural experiment stations**. Fifteenth annual report . . . for 1902 . . . 22½<sup>cm</sup>. Baton Rouge, Printed at the Truth book and job office, 1903.

**Luleå [Sweden] Kemisk-växtbiologiska anstalt och frökontrollanstalt**. Berättelse öfver verksamheten . . . år 1900-1901. illus., tab. 22½<sup>cm</sup>. Luleå, Hallman & Helins boktryckeriaktiebolag, 1901-02.

**Moikom, Sweden. Vermlands läns frökontrollanstalt, kemiska laboratorium och mjölkkontrollanstalt**. Redogörelse för verksamheten . . . år 1901 . . . tab. 19½<sup>cm</sup>. [Karlstad, Nya Wermlands-tidningens aktiebolag, 1902]

**Nevada—Agricultural experiment station**. . . . Annual report . . . for the fiscal year ending June 30, 1902. pl. 23<sup>cm</sup>. Carson City, State printing office, 1903.

**New Jersey—Agricultural college experiment station—Biological department**. Report . . . for the year 1902. front., vi pl., tab. 23<sup>cm</sup>. Trenton, The J. L. Murphy publishing co., printers, 1903.

**New York (State)**—*Agricultural experiment station*. . . . 20th annual report . . . for the year 1901. illus., xxxv pl. incl. plans, tab. 23<sup>cm</sup>. Albany, J. B. Lyon company, state printers, 1902.

**Örebro [Sweden]** **Kemiska station och frökontrollanstalt**. . . . Årsberättelser för 1900–1901. tab. 20<sup>cm</sup>. Örebro, Bohlinska boktryckeriet, 1901–02.

**Pommritz, Agriculturchemische versuchsstation für die königl. sächs. Oberlausitz zu**. . . . Bericht über die thätigkeit . . . im jahre 1902 . . . 29<sup>cm</sup>. [n. p., 1903]

Sonderabdruck aus den Landtagsvorlagen, seite 55–62.

**Sobieszynie, Poland. Stację doświadczalną**. Wyniki prac i doświadczeń wykonanych od 1 lipca r. 1901 do 1 lipca r. 1902 . . . illus., pl., tab. 21<sup>cm</sup>. Warszawa, Druk Rubieszewskiego i Wrotnowskiego, 1903.

**Société d'agriculture du département de Constantine—Champ d'expériences**. . . . Compte-rendu . . . sur les résultats obtenus pendant la campagne agricole 1896–97. 21½<sup>cm</sup>. Constantine, Impr. à vapeur É. Marle, 1897.

**Spalato, K. K. Landwirthschaftlich-chemische versuchsstation in**. Bericht über die tätigkeit . . . im jahre 1902 . . . 22½<sup>cm</sup>. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1903]

Sonderabdruck aus der "Zeitschrift für das landwirtschaftliche versuchswesen in Oesterreich" 1903.

**Stockholms läns hushållningssällskaps frökontrollanstalt**. Redogörelse för verksamheten . . . under arbetsåret den 1/7 1901–30/6 1902. tab. 23½<sup>cm</sup>. Stockholm, Centraltryckeriet, 1902.

**Vienna. K. K. Landwirthschaftlich-chemische versuchsstation in Wien**. Bericht über die tätigkeit der K. K. Landw.-chemischen versuchsstation und der mit ihr vereinigten K. K. Landw.-bakteriologischen und pflanzenschutzstation in Wien im jahre 1902 . . . 22<sup>cm</sup>. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1903]

Sonderabdruck aus der "Zeitschrift für das landwirtschaftliche versuchswesen in Oesterreich" 1903.

**Vienna. K. K. Samen-control-station in Wien**. . . . xxii. jahresbericht . . . für das jahr 1902 . . . tab. 24<sup>cm</sup>. Wien, K. K. Samen-kontroll-station, 1903. (Publikation der K. K. Samen-kontroll-station in Wien. nr. 265)

**Wädensweil, Deutsch-schweizerische versuchsstation und schule für obst-, wein- und gartenbau in**. ii. jahresbericht, 1891/92. Zugleich programm für das jahr 1893. 23<sup>cm</sup>. Zürich, Druck von Meyer & Männer, 1893.

#### 4. SOILS AND FERTILIZERS.

**Aeby, Jules**. . . . Emploi des engrais chimiques en culture maraîchère . . . 15 p. iv pl., tab. 25<sup>cm</sup>. Bruxelles, A. Vromant & c<sup>o</sup>, 1901. Agr 3—729

At head of title: Congrès national d'agriculture, Namur 1901. Section II. Enseignement agricole. Sciences agricoles.

**Barth, Max**. Die künstlichen düngemittel im getreide-, futter- und handelsgewächsbau mit besonderer berücksichtigung der phosphate . . . 2. verm. Aufl. viii, 224 p. illus., tab. 24½<sup>cm</sup>. Berlin, P. Parey, 1893. Agr 3—632

**Deutsche landwirtschafts-gesellschaft—Dünger- (kainit-) abteilung**. Untersuchungen über den wert des neuen 40 prozent. kalidüngesalzes gegenüber dem kainit. 3. versuchsjahr und gesamtergebnis . . . zusammengestellt von professor Dr. W. Schneidewind. tab. 24<sup>cm</sup>. Berlin, Deutsche landwirtschafts-gesellschaft, 1903. (Arbeiten der Deutschen landwirtschafts-gesellschaft. hft. 81)

**Peacock, —** How money crops feed; Peacock and Myers. 44 p. illus. 23<sup>cm</sup>. New York, W. S. Myers [190—?]



**Pennsylvania**—*Agriculture, Department of.* Tabulated analyses of commercial fertilizers from samples selected in accordance with act of March 25, 1901, by the Pennsylvania Department of agriculture, from January 1st, 1902, to December 31st, 1902. 208 p. tab. 23½<sup>cm</sup>. [Harrisburg] W. S. Ray, state printer, 1903. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 109)

**Thoms, George.** Die ergebnisse der dünger-kontrolle, 1901/1902. 25. bericht. . . . tab. (partly fold.) 22½<sup>cm</sup>. Riga, Jonck und Poliewsky, 1902.

Sonderabdruck aus der Baltischen wochenschrift für landwirthschaft, gerwerbefleiss und handel, 1902.

**Voelcker, John Augustus.** The valuation of unexhausted manures obtained by the consumption of foods by stock. By J. Augustus Voelcker . . . and A. D. Hall. . . . 41 p. 3 diagr. 22<sup>m</sup>. London, J. Murray, 1903. Agr 3—730

"From the Journal of the Royal agricultural society of England, v. 63, 1902, pp. 76-114."

**Voorhees, Edward Burnett.** . . . The natural improvement of soils . . . 50 p. pl. 23½<sup>cm</sup>. [Harrisburg] W. S. Ray, state printer, 1902. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 102) Agr 3—592

**Wagner, Paul.** . . . Die düngung mit schwefelsaurem ammoniak und organischen stickstoffdüngern im vergleich zum chilisalpeter . . . viii, 340 p. tab. 24<sup>cm</sup>. Berlin, Deutsche landwirtschafts-gesellschaft, 1903. ([Arbeiten der Deutschen landwirtschafts-gesellschaft. hft. 80] Versuche der Dünger-abteilung in verbindung mit landwirtschaftlichen versuchsstationen. 1) Agr 3—593

**Wagner, Paul.** Zur kali-phosphat-düngung nach Schultz-Lupitz . . . 16 p. 22<sup>cm</sup>. Darmstadt, C. F. Winter'sche buchdruckerei, 1889. Agr 3—631

## 5. PLANT DISEASES AND PESTS.

**Binnenthal, Friedrich Richter von.** Die rosenschädlinge aus dem tierreiche, deren wirksame abwehr und bekämpfung. Von Friedrich Richter v. Binnenthal. Ein ratgeber für die gärtnerische praxis, hrsg. vom Verein deutscher rosenfreunde . . . x, 392 p. illus. 23½<sup>cm</sup>. Stuttgart, E. Ulmer, 1903. Agr 3—686

"Litteratur": p. 376-378.

**Briosi, Giovanni.** . . . Sopra una grave malattia che deturpa i frutti del limone in Sicilia; nota preliminare di G. Briosi e R. Farneti. 4 p. 28½<sup>cm</sup>. [Pavia, 1902]

Agr 3—685

From Atti dell' Istituto bot. dell' Università di Pavia, n. s., v. VIII.

**Delacroix, Georges.** . . . Maladies des plantes cultivées . . . 2 p. l., 73 p. illus. 26½<sup>cm</sup>. Paris, Imprimerie nationale, 1902. Agr 3—847

At head of title: Ministère de l'agriculture. Office des renseignements agricoles. Service des études techniques.

**Delacroix, Georges.** . . . Sur la maladie du cotonnier en Égypte . . . 11 p. 25½<sup>cm</sup>. Paris, A. Challamel [1902?] Agr 3—719

Extrait de l'Agriculture pratique des pays chauds.

**Delacroix, Georges.** . . . Sur quelques maladies vermiculaires des plantes tropicales dues à l'heterodera radicola Greff . . . cover-title, 19 p. illus. 25<sup>cm</sup>. Paris, A. Challamel [1902] Agr 3—720

Extrait de l'Agriculture pratique des pays chauds.

**Herzberg, Paul.** Vergleichende untersuchungen über landwirthschaftlich wichtige flugbrandarten . . . 2 p. l., 33, [2] p. 23½<sup>cm</sup>. Halle a. S., Druck der buchdruckerei des Waisenhauses, 1895. Agr 3—683

Inaug.-dis.—Halle-Wittenberg.

**Jahresbericht** über die neuerungen und leistungen auf dem gebiete der pflanzenkrankheiten. Hrsg. von professor Dr. M. Hollrung . . . 4. bd.: das jahr 1901. 26<sup>cm</sup>. Berlin, P. Parey, 1903.



**Mexico**—*Fomento, colonización é industria, Ministerio de—Parasitología agrícola, comisión de. Las plagas de la agricultura. entrega 3-7. 179-434 p. illus., iii-vii fold. pl., fold. tab. 25½<sup>cm</sup>. México, Oficina tipográfica de la Secretaría de fomento, 1902-03.*

**Mosséri, Victor.** La maladie vermiculaire récemment observée en Égypte sur les bananiers, betteraves, etc. causée par l'heterodera radicola (Greef-Müller) avec une observation sur les orobanches, communication faite à l'Institut égyptien au Caire . . . cover-title, 40 p. incl. iii pl. illus. 27½<sup>cm</sup>. Le Caire, Impr. de l'Institut français d'archéologie orientale, 1903. Agr 3-721

**Müller, Hermann.** . . . Der rote brenner des weinstockes . . . 1 p. l., 38 p. v pl. (1 col.) 23½<sup>cm</sup>. Jena, G. Fischer, 1903. Agr 3-629

At head of title: Aus der Schweizerischen versuchsanstalt für obst-, wein- und gartenbau in Wädenswil.

Abdruck aus dem Centralblatt f. bakteriologie, parasitenkunde u. infektionskrankheiten. II. abt., x. bd., 1903. hft. 1-4.

**New Zealand**—*Agriculture, Department of—Biology and pomology, Division of. . . Tenth report, 1901-2 . . . front. (port.) illus., pl. 24½<sup>cm</sup>. Wellington, J. Mackay, government printer, 1902.*

**Ontario**—*Fumigation appliances, Inspector of. Report . . . 1902 . . . 24½<sup>cm</sup>. Toronto, L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.*

Published by the Ontario Department of agriculture.

. . . **Tijdschrift over plantenziekten, onder redactie van Prof. Dr. J. Ritzema Bos . . . en G. Staes . . . 8. jaargang; Apr. 15, 1902-Jan. 1903. illus., 5 pl. 23<sup>cm</sup>. Gent, J. Vuytsteke, 1902.**

**Tonduz, Adolfo.** . . . Informe sobre una enfermedad del cacaotero . . . 2 p. l., 9 p. 19½<sup>cm</sup>. San José [Costa Rica] Tip. nacional, 1895. (Instituto físico-geográfico nacional)

Agr 3-722

"Tomado de La Gaceta no. 257, de 6 de noviembre de 1895."

**Trotter, Alessandro.** . . . "Cecidotheca italica"; o, Raccolta di galle italiane determinate preparate ed illustrate. fasc. I-VIII. (n. 1-200) 33½<sup>cm</sup>. Padova, Tipografia del Seminario, 1900-02.

At head of title: Dr. A. Trotter e Dr. G. Cecconi.

Consists of dried specimens with letter-press descriptions, mounted on detached sheets.

## 6. FIELD CROPS AND INDUSTRIAL PLANTS.

**Bonaparte, G.** Manual of Egyptian farm crops and vegetables . . . 1 p. l., 81, [1] p. 23½<sup>cm</sup>. Cairo, Printing office, 1903. Agr 2-848

**Centralverein für rübenzucker-industrie in der Oesterr.-Ungar. monarchie**—*Chemisch-technische versuchsstation. Mitteilungen . . . CXLVI-CL. 26<sup>cm</sup>. Wien, Verlag des Centralvereines für rübenzucker-industrie in der Oesterr.-Ungar. monarchie, 1903.*

Separat-abdruck aus der "Oesterr.-Ungar zeitschrift für zuckerindustrie und landwirthschaft," I.-II. hft., 1903.

**Christy, Thomas.** New commercial plants and drugs. no. 11. illus., 1 pl. 24<sup>cm</sup>. London, Christy & co., 1889.

**Cobb, N. A.** . . . Seed wheat: an investigation and discussion of the relative value as seed of large plump and small shrivelled grains. 60 p. incl. illus., tab. 25<sup>cm</sup>. [Sydney, W. A. Gullick, government printer, 1903] ([New South Wales. Department of Agriculture] Miscellaneous publication, no. 625) Agr 3-762

From Agricultural gazette of N. S. Wales.

**Dekker, Johannes.** Ueber einige bestandteile des cacao und ihre bestimmung . . . 5 p. l., 81, [1] p. 23<sup>cm</sup>. Amsterdam, Druck von J. H. de Bussy [1902]

Inaug.-dis.—Bern.

Agr 3-645

"Literatur über cacao": p. [64]-77.

"Literatur über kola": p. [78]-81.

**Estes, John M.** Tabaco: instrucciones para su cultivo y beneficio . . . Traducido de orden del Señor Ministro de fomento, doctor Don Juan J. Ulloa G., por David Hine. 2 p. l., 10 p. 20½<sup>cm</sup>. San José de Costa Rica, Tip. nacional, 1896.

Agr 3—710

At head of title: Departamento de agricultura de los Estados Unidos. Boletín del agricultor, no. 6.

**Ferguson, A. M., comp.** All about spices: pepper, cubeb, nutmegs, cloves, ginger, vanilla, pimento, cinnamon; including practical instructions for planting, cultivation and preparation for market, with practical information from a variety of sources, referring to the spice industry in Ceylon, India, Eastern Archipelago and West Indies . . . comp. and pub. by A. M. & J. Ferguson . . . vi p., 1 l., 274 p. incl. 1 pl. illus. 22<sup>cm</sup>. Colombo, Ceylon, A. M. & J. Ferguson [1889] Agr 3—849

Paging irregular: 80b-80p inserted.

**Girola, Carlos D.** Estudio sobre los trigos de la Provincia de Entre Ríos (Departamento de Paraná) . . . iv, 85 p. 2 pl., 2 fold. tab. 26½<sup>cm</sup>. Buenos Aires, Imprenta de "La Nación," 1901.

At head of title: Ministerio de agricultura de la República Argentina. Dirección de agricultura y ganadería.

**Girola, Carlos D.** Estudio sobre los trigos de la Provincia de Santa Fé . . . 47 p. maps, tab. 27<sup>cm</sup>. Buenos Aires, Impr. de P. Gadola, 1902.

**Girola, Carlos D.** Estudio sobre trigos de la Provincia de Córdoba . . . cover-title, 14 p. 25½<sup>cm</sup>. [Buenos Aires? Imprenta de "La Nación," 1899?]

**Girola, Carlos D.** . . . Plantas textiles: su cultivo y explotación en los Estados Unidos del Brazil y en la República Argentina . . . cover-title, 43 p. 21½<sup>cm</sup>. Buenos Aires, Compañía sud-americana de billetes de banco, 1902.

Agr 3—712

From Boletín de agricultura y ganadería. Año II, núm. 34. 1º de junio de 1902.

**Hadi, Saiyid Muhammad.** The sugar industry of the United provinces of Agra and Oudh . . . 2 p. l., iii, 112 p. incl. illus., tab. 16 pl. (10 col.) 28½<sup>cm</sup>. Allahabad, Printed by F. Luker at the Government press, 1902.

Agr 3—763

**Hall, A. D.** . . . The continuous growth of mangels for twenty-seven years on the same land, Barn Field, Rothamsted. (Communicated by the Lawes agricultural trust) . . . cover-title, 33, [1] p. illus., diagr. 21½<sup>cm</sup>. London, Printed by J. Truscott & son, Ltd., 1903.

Agr 3—713

From the Journal of the Royal agricultural society of England. Vol. 63, entire series, 1902, pp. 27-59.

**Jahres-bericht** über die untersuchungen und fortschritte auf dem gesamtgebiete der zuckerfabrikation; begründet von Dr. K. Stammer, hrsg. von Dr. Joh. Bock. 41. jahrg., 1901 . . . illus., tab., diagr. 22<sup>cm</sup>. Braunschweig, F. Vieweg und sohn, 1903.

**Kuhnert, Robert.** Der flachsbau. Anleitung für den praktischen landwirt. Im auftrage der Deutschen landwirtschafts-gesellschaft. Sonderausschuss für flachsbau, bearb. von Robert Kuhnert . . . vii, [1], 23 p. 18<sup>cm</sup>. Berlin, Deutsche landwirtschafts-gesellschaft, 1903. (Anleitungen für den praktischen landwirt. Hrsg. vom direktorium der Deutschen landwirtschafts-gesellschaft. Der sammlung nr. 13)

Agr 3—581

**Myrick, Herbert, ed.** The book of corn; a complete treatise upon the culture, marketing and uses of maize in America and elsewhere, for farmers, dealers, manufacturers and others—a comprehensive manual upon the production, sale, use and commerce of the world's greatest crop . . . xvi, 368 p. front., illus. 19<sup>cm</sup>. New York, Chicago, O. Judd company, 1903.

3—8702

**Niederlein, Gustavo.** . . . La yuca ó la mandioca . . . (Edición ordenada por el Señor Ministro de fomento, doctor Don Juan J. Ulloa G.) 1 p. l., 33 p. 21½<sup>cm</sup>. San José de Costa Rica, Tipografía nacional, 1896. (Biblioteca Niederlein. Monografías agrícolas, forestales e industriales)

Agr 3—716

**Trautenau, Versuchsstation für flachsbau und flachsbereitung in.** Publicationen . . . nr. 3, 6, [8-9] illus., ii pl., tab., diagr. 30-22½<sup>cm</sup>. Trautenau, Verlag des Verbandes der österreichischen flachs- und leinen-interessenten, 1893-1903. No. 8 is Bericht über die tätigkeit . . . in den jahren 1901/02.

**West Indies (British)—Agriculture, Imperial department of.** . . . Sugar cane experiments in the Leeward Islands. Report on experiments conducted at Antigua and St. Kitt's in the season 1901-02 . . . tab., fold. diagr. 32½<sup>cm</sup>. Barbados, Issued by the Commissioner of agriculture for the West Indies, 1902-03.

**Wohltmann, Ferdinand.** Über futterrüben . . . 42 p. iv pl. 21½<sup>cm</sup>. Berlin, "Deutsche tages-zeitung," 1903. (v. bericht des Instituts für bodenlehre und pflanzenbau der Landwirtschaftlichen akademie Bonn-Poppelsdorf)

## 7. HORTICULTURE AND LANDSCAPE GARDENING.

**Agee, Alva.** . . . Potato culture . . . 1 p. l., 96 p. 23½<sup>cm</sup>. [Harrisburg] W. S. Ray, State printer, 1902. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 105) Agr 3-573

**Alexandria (Egypt) horticultural society.** . . . Report, accounts and list of members, 1902. 24½<sup>cm</sup>. Alexandria, J. C. Lagoudakis [1903]

**Basile, Gioacchino.** . . . Sullo adattamento delle viti americane in Sicilia. 212 p. fold. tab. 24½<sup>cm</sup>. Acireale, S. Donzuso tipografo-editore, 1890. (Annali del Comizio agrario del circondario di Acireale. fasc. 1) Agr 3-709

**Columbus [Ohio] horticultural society.** Annual report . . . for the year ending December 31, 1902, comprising the constitution of the society, list of members and officers, and proceedings of the meetings, together with papers and discussions . . . illus., pl. 23<sup>cm</sup>. Columbus, Pub. by the society, 1902.

**Durand, E.** . . . La culture fruitière moderne; production, commerce et utilisation des fruits . . . 2 p. l., [7]-272 p. illus. 18½<sup>cm</sup>. Lyon, A. Effantin; [etc., etc.] [1902] Agr 3-575

**Eastern New York horticultural society.** . . . Proceedings of the 4th-5th annual meeting . . . 1900-1901. 22<sup>cm</sup>. Kingston, N. Y., R. W. Anderson & son, steam printers, 1900-02.

**Ely, Helena Rutherford.** A woman's hardy garden . . . with illustrations from photographs taken in the author's garden by Professor C. F. Chandler. xv, 216 p. incl. plan. front., pl. 20<sup>cm</sup>. New York, London, The Macmillan company, 1903. 3-3845

**Fischer-Benzon, Rudolph J. D. von.** Altdeutsche gartenflora. Untersuchungen über die nutzpflanzen des deutschen mittelalters, ihre wanderung und ihre vorgeschichte im klassischen altertum . . . x, 254 p. 25½<sup>cm</sup>. Kiel und Leipzig, Lipsius & Tischer, 1894. Agr 3-579

"Allgemeines, hülfsmittel und quellen": p. 1-26.

**Gallesio, Giorgio, conte.** Pomona italiana, ossia trattato degli alberi fruttiferi . . . 2 v. in 4. pl. (partly col.) 49<sup>cm</sup>. Pisa, Presso N. Capurro, 1817-39. Agr 3-711  
Issued originally in 41 fasc.

In the Library copy each vol. is bound in two, one of text, and one of plates corresponding to the descriptions in the text and arranged, with a few exceptions, in the same order. The text, with the exception of the introduction, is unp. and the plates are unnumbered. Of each plate there are two copies, one colored and one uncolored, except in six instances in which there is no uncolored copy. In all there are 160 colored plates (2 double) and 154 uncolored plates (2 double).

**Hemenway, Herbert Daniel.** How to make school gardens; a manual for teachers and pupils . . . xvi, 107 p. incl. front., illus. 6 pl., plan. 19<sup>cm</sup>. New York, Doubleday, Page & company, 1903. 3-13729

"School garden bibliography": p. [97]-107.



**Hiester, Gabriel.** . . . The varieties of fruit that can be profitably grown in Pennsylvania . . . 50 p. front. (double map) 23½<sup>cm</sup>. [Harrisburg] W. S. Ray, state printer, 1902. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 106) Agr 3—578

**India—Mysore—Government gardens and parks, Superintendent of.** Annual report . . . for the year 1901–1902. With the government review thereon. tab. 33<sup>cm</sup>. n. p. [1902?]

**Iowa state horticultural society.** Report . . . for the year 1902, containing the proceedings of the thirty-seventh annual session, held at Des Moines, December 9, 10, 11, 12, 1902, also transactions of the Southeastern, Northwestern, Northeastern, and Southwestern horticultural societies . . . v. XXXVII. front. (port.) pl., maps. 22½<sup>cm</sup>. Des Moines, B. Murphy, state printer, 1903.

**Irish, H. C.** Garden beans cultivated as esculents . . . 81–165 p. 38–47 pl. 23<sup>cm</sup>. [St. Louis ? 1901] Agr 3—579

“From the 12th annual report of the Missouri botanical garden.”

**Joly, Charles.** Note sur l'horticulture en Italie . . . 14 p. 21<sup>cm</sup>. [Paris, Impr. de l'étoile, Boudet, directeur, 1882] Agr 3—580

Extrait du journal de la Société nationale et centrale d'horticulture, 3 ser., t. IV, 1882, p. 418–431.

**Manning, Warren Henry.** Directions for surveying and arranging home and school grounds. 12 p. illus. 19<sup>cm</sup>. Boston, The author, 1900. Mar. 29, 1900—86

**Manning, Warren Henry.** Stout manual training school; a handbook for planning and planting small home grounds . . . with a list of native and commonly cultivated plants that are represented in the collection upon the Stout manual training school grounds. 76 p. 19½<sup>cm</sup>. Menomonie, Wis., Stout manual training school, 1899. Feb. 14, 1901—143

**Massachusetts—Metropolitan park commissioners, Board of.** . . . Report . . . January, 1903. pl., fold. col. map, tab. (partly fold.) 23<sup>cm</sup>. Boston, Wright & Potter printing co., state printers, 1903.

**Missouri, State horticultural society of.** 45th annual report . . . Meetings at Eldon, June 10, 11 and 12, Springfield, December 2, 3 and 4, 1902 . . . front., illus., pl., port., fold. col. map. 24<sup>cm</sup>. Jefferson City, Tribune printing company, state printers and binders [1902]

**Moll, Jan Wilhelm.** Rapport sur quelques cultures de papavéracées, faites dans le Jardin botanique de l'Université de Groningue (Pays-Bas), pendant les années 1892 et 1893, par J. W. Moll, A. Fiet et W. Pijp. 22 p. 23½<sup>cm</sup>. Bois-le-Duc, Robijns & c<sup>ie</sup>, 1894. Agr 3—637

**New Jersey state horticultural society.** Proceedings . . . at its twenty-eighth annual session held at Trenton, N. J., January 7th and 8th, 1903. front., pl., port. 23½<sup>cm</sup>. [n. p., 1903]

**Ontario—Fruit experiment stations.** Ninth annual report . . . 1902 . . . illus., tab. 25<sup>cm</sup>. Toronto, Printed by L. K. Cameron, Printer to the King's Most Excellent Majesty, 1903.

**Oregon—Horticulture, State board of.** . . . Seventh biennial report . . . pl., port. 22½<sup>cm</sup>. Salem, W. H. Leeds, state printer, 1902.

**Paris, Exposition universelle de 1900.** . . . Catalogue général officiel, groupe VII, classe 36. cover-title, 46, 2 p. col. plans (partly double) 19½<sup>cm</sup>. Paris, Impr. Lemerrier; [etc., etc.] [1900?]

CONTENTS.—Matériel et procédés de la viticulture.

**Peninsula horticultural society.** Transactions of the sixteenth annual session . . . held in Delaware college oratory, Newark, Delaware, January the 6th, 7th and 8th, 1903. pl. 23<sup>cm</sup>. Dover, Del., B. F. Simmons, jr., printer, 1903.



**Peoria, Ill.**—*Pleasure driveway and park district, Board of trustees of the.* Eighth annual report . . . for the fiscal year ending June 1, 1902. front., illus., fold. tab. 23<sup>cm</sup>. Peoria, J. W. Franks & sons, printers, 1903.

**Queen Victoria Niagara Falls park.** Seventeenth annual report of the commissioners . . . for the year ending 1902 . . . front. (fold. col. map) 24½<sup>cm</sup>. Toronto, L. K. Cameron, Printer to the King's Most Excellent Majesty, 1903.

**Reale società toscano di orticoltura.** Bullettino . . . 1876-1902. v. I-XXVII (3. ser. v. VII) illus. 22½-27<sup>cm</sup>. Firenze, A spese della Società, 1876-1902.

Contains Atti della società.

Vol. x contains index to v. I-X, 1876-85, ser. 1. Vol. xx contains index to v. XI-XX, 1886-95, ser. 2.

**Robinson, William.** Alpine flowers for gardens; rock, wall, marsh plants, and mountain shrubs . . . 3d ed. rev. . . . 3 p. l., ix-xix, 344 p., 1 l. incl. front., illus. 23<sup>cm</sup>. London, J. Murray, 1903. Agr 3-740

**Schenk, Georg, edler von.** Der lebende weissdorn-spalier-zaun; oder Gründliche belehrung, wie man bei geringem kostenaufwande einen über 200 jahre dauernden lebenden weissdorn-zaun anzupflanzen zu pflegen und aufzuziehen vermöge . . . Nebst einem pomologischen anhang über die mit überraschendem erfolge versuchte anwendung des bogenspannens der zweige von obstbäumen zur förderung der obstbaumzucht, ohne pfahlstütze . . . 3. nach des verfassers tode durchgesehene aufl. xii, 57, [1] p. illus. 22½<sup>cm</sup>. Lemberg, J. Milikowski, 1862. Agr 3-717

**Schrott-Fiechtl, Hans.** . . . Die vegetative vermehrung der pflanzen. 4 p. illus. 29<sup>cm</sup>. Berlin [Druck von W. Gronau's buchdruckerei], 1903.

Sonder-abdruck, Illustrierte landwirtschaftliche zeitung, 23. jahrg., januar, 1903.

**Virginia State horticultural society.** Report, seventh annual session . . . held in Masonic hall, Lynchburg, Va., December 2nd and 3rd, 1902. 23½<sup>cm</sup>. Pulaski, Va., B. D. Smith & brothers, printers, 1903.

**Ward, Charles Willis.** The American carnation, how to grow it . . . 296 p. incl. front. (port.) illus., 4 col. pl. 26½<sup>cm</sup>. New York, A. T. De La Mare printing and publishing company, ltd., 1903. 3-12303

**Western New York horticultural society.** . . . Proceedings of the forty-eighth annual meeting, held at Rochester, N. Y., Wednesday and Thursday, Jan. 28 and 29, 1903 . . . illus. 22<sup>cm</sup>. [Rochester, Democrat and chronicle press, 1903]

**Woodrow, G. Marshall.** Gardening in India, by G. Marshall Woodrow . . . assisted by contributors of experience in several provinces. 3d ed. 2 p. l., [vii]-viii p., 1 l., 641, [31] p. front. (fold. plan) pl. (partly fold.) plans (partly fold.) 22<sup>cm</sup>. Bombay, Thacker & co., ltd.; [etc., etc.] 1899. Agr 3-718

Paging irregular: 42A, 42B, 498A, 498B inserted.

The 1st ed. of this work, 1889, was ed. 5 of his Hints on gardening in India.

## 8. FORESTRY.

**Badischer forst-verein.** Bericht über die 44. versammlung . . . zu Neustadt (Schwarzwald) am 31. august, 1. und 2. september 1902. 22<sup>cm</sup>. Freiburg i. Br., C. A. Wagners universitäts-buchdruckerei, 1903.

**Böhmerle, Karl.** Ueber die vornahme genauer kluppirungen . . . 24 p. incl. tab., diagr. 24<sup>cm</sup>. Wien, W. Frick, 1902. Agr 3-560

Mittheilung der K. K. Forstlichen versuchsanstalt in Mariabrunn.

**Forstwissenschaftliches centralblatt.** (Früher: Monatschrift für forst- und jagdwesen.) . . . [5.-9.] 16.-28. (neue folge 6.) jahrg.; 1861-65, [1872-84] illus., pl. (partly fold.), port., map, plan. tab. (partly fold.) diagr. 21-23<sup>cm</sup>. Stuttgart [etc.] [1857]-84.

[5]-22. jahrg. title reads: Monatschrift für das forst- und jagdwesen.

Editors: [5.-9.] jahrg.: L. Dengler.—16.-28. jahrg.: Franz Baur.

— Supplemente. 1.-3. hft. 21<sup>cm</sup>. Stuttgart, F. Schweizerbart, 1869-70.

**Great Britain**—*Agriculture, Board of—Forestry, Committee on.* . . . Minutes of evidence taken before the departmental committee appointed by the Board of agriculture to inquire into and report upon British forestry; with appendices and index . . . iv, 241 p. diagr. 33<sup>cm</sup>. London, H. M. Stationery off., 1903. Agr 3—761

**Hoppe, Eduard.** *Regenergiebigkeit unter fichtenjungwuchs* . . . 20 p. incl. illus., tab. 24<sup>cm</sup>. Wien, W. Frick, 1902. Agr 3—559  
Mittheilung der K. K. Forstlichen versuchsanstalt in Mariabrunn.

**India**—*Andaman Islands—Forest department.* Progress report of forest administration in the Andamans for 1901-02. tab. (partly fold.) 33½<sup>cm</sup>. Calcutta, Office of the superintendent of government printing, 1903.

**India**—*Bengal—Forest department.* Progress report of forest administration in the lower provinces of Bengal for the year 1901-1902 . . . tab. 33<sup>cm</sup>. Calcutta, Printed at the Bengal secretariat press, 1902.

**India**—*Bengal—Forest surveys, Superintendent of.* Progress report of the forest surveys . . . for 1901-1902 . . . fold. map. 33½<sup>cm</sup>. Calcutta, Office of the superintendent of government printing, 1903.

**India**—*Central provinces—Forest department.* Report on the forest administration . . . for the year 1901-1902. tab. 33<sup>cm</sup>. Nagpur, Printed at the Secretariat press, 1902.

**India**—*Imperial forest school, Dehra Dun.* Progress report . . . for 1901-1902. tab. 33½<sup>cm</sup>. Calcutta, Office of the superintendent of government printing, 1902.

**India**—*Madras presidency—Forest department.* Annual administration report . . . for the twelve months ending 30th June, 1902 . . . tab. 33½<sup>cm</sup>. Madras, Printed by the Superintendent, government press, 1902.

**India**—*Punjab—Forest department.* Progress report on forest administration in the Punjab for 1901-1902. tab. 33½<sup>cm</sup>. Lahore, The "Civil and military gazette" press, 1902.

**India**—*United provinces of Agra and Oudh—Forest department.* Annual progress report of forest administration in the Central, Oudh and School circles . . . for the year 1901-1902. tab. 33½<sup>cm</sup>. Allahabad, Printed at the United provinces of Agra and Oudh government press, 1902.

**Keeler, Harriet Louise.** *Our native trees and how to identify them; a popular study of their habits and their peculiarities* . . . 3d ed. xxiii, 533 p. illus. 20<sup>cm</sup>. New York, C. Scribner's sons, 1902.

**Maiden, Joseph Henry.** *The forest flora of New South Wales* . . . pt. 1. 1-4 pl. 31½<sup>cm</sup>. Sydney, W. A. Gullick, government printer, 1902.  
Pub. by the Forest department of New South Wales.

**Maine**—*Forest commissioner.* Fourth report . . . 1902. front., pl., map. 22½<sup>cm</sup>. Augusta, Kennebec journal print, 1902.

**New York state college of forestry, Cornell university.** Report . . . 23½<sup>cm</sup>. Albany, The Argus company, printers, 1903.

**Russia**—*Lyesnoi departament [Forest department]* . . . Otchet po lyesnomu upravleniyu . . . za 1901 ghod [Report on forest administration for the year 1901] . . . tab. (partly fold.) 24<sup>cm</sup>. S.-Peterburgh, 1902.

**Sächsischer forstverein.** Bericht über die 41.-46. versammlung . . . 1896-1901. tab. (partly fold.) fold. map. 22<sup>cm</sup>. Tharandt, Akademische buchhandlung, 1897-1901.



**Sargent, Charles Sprague.** The silva of North America; a description of the trees which grow naturally in North America exclusive of Mexico . . . illustrated with figures and analyses drawn from nature by Charles Edward Faxon . . . v. XIII-XIV. 120 pl. 37½<sup>cm</sup>. Boston and New York, Houghton, Mifflin and company, 1902.

Jan. 19, 99-59

CONTENTS.—v. 13. Supplement: Rhamnaceæ-Rosaceæ.—v. 14. Supplement: Caricaceæ-Coniferæ. General index.

**Sargent, Charles Sprague, ed.** Trees and shrubs; illustrations of new or little known ligneous plants, prepared chiefly from material at the Arnold arboretum of Harvard university . . . pt. II. xxvi-1 pl. 33¼ x 24<sup>cm</sup>. Boston and New York, Houghton, Mifflin and company, 1903.

2-28737

**Schlesischer forst-verein.** Jahrbuch . . . für 1902 . . . fold. map. 22<sup>cm</sup>. Breslau, C. Morgenstern, 1903.

**Schweizerische centralanstalt für das forstliche versuchswesen.** Mitteilungen . . . hrsg. vom vorstande derselben, Arnold Engler . . . VII. bd. front. (port.) pl., diagr. (partly fold.) tab. (partly fold.) 23<sup>cm</sup>. Zürich, Fäsi & Beer, 1903.

**Seckendorff-Gudent, Arthur freiherr von.** Die forstlichen verhältnisse Frankreichs . . . VIII, 228 p. 1 fold. pl., tab., 1 fold. diagr. 25<sup>cm</sup>. Leipzig, B. G. Teubner, 1879.

Agr 3-583

"Benutzte literatur": p. iv-v.

**Snow, Charles Henry.** The principal species of wood: their characteristic properties . . . 1st ed. 1st thousand. xvi, 203 p. illus., 39 pl. (incl. front.) 23½<sup>cm</sup>. New York, J. Wiley & sons; London, Chapman & Hall, limited, 1903.

3-9910

"Bibliography": p. xv-xvi.

**Statistische nachweisungen aus der forstverwaltung des grossherzogthums Baden für das jahr 1901.** XVIII.-XXIV. jahrg. tab. 30<sup>cm</sup>. Karlsruhe, C. F. Müller'sche hofbuchdruckerei, 1896-1903.

Completes Library set to date.

**Tharandt. K. Sächsische forstakademie—Bibliothek.** Katalog der bibliothek . . . xvi, 755 p. 27½<sup>cm</sup>. Tharandt, J. und R. Stettner, 1900.

**Unión industrial argentina—Museo de productos nacionales.** . . . Durmientes de quebracho colorado; su empleo en la construcción de vías férreas. 30 p. 21<sup>cm</sup>. Buenos Aires, Imprenta y litografía "La Buenos Aires," 1899.

Agr 3-725

## 9. DOMESTIC ANIMALS.

**American Guernsey cattle club.** The herd register and breeders' journal . . . April, 1903. v. XIII, pt. 54. pl. 15x23<sup>cm</sup>. Peterboro, N. H., Pub. by authority of the club, 1903.

**American kennel club.** . . . Stud-book . . . v. XIX, January 1 to December 31, 1902. 19½<sup>cm</sup>. N. Y., The American kennel club [1903]

**American Poland-China record company.** Proceedings of the American Poland-China record company and Breeders' institute at their 16th-19th, 21st-26th annual meeting . . . 1893-96, 1898-1903. 14-15<sup>cm</sup>. West Liberty, Ia., 1893-1903.

1898-99, title reads: Twenty-first-twenty-second American record meeting and Breeders' institute. 1900, title reads: Twenty-third American Poland-China record meeting and Breeders' institute.

**American short-horn breeders' association.** . . . The American short-horn herd book. (New ser.) v. 54, containing pedigrees of animals calved before December 1, 1902. 23½<sup>cm</sup>. Springfield, Ill., American short-horn breeders' association, 1903.

**American Southdown breeders' association.** American Southdown record . . . v. 4-9. pl. 24<sup>cm</sup>. Springfield, Ill., 1893-1902.

**Barclay, John.** . . . Notes on poultry in the West Indies . . . 2 p. l., 48 p. diagr. 18½<sup>cm</sup>. [Barbados] Commissioner of agriculture, 1903. (Imperial department of agriculture for the West Indies. Pamphlet series, no. 23) Agr 3—723

**Born, L.** Handbuch der pferdekunde. Für offiziere und landwirte, bearb. von Dr. L. Born . . . und Dr. H. Möller . . . 5. umgearb. aufl. vii, 468 p. illus. 23<sup>cm</sup>. Berlin, P. Parey, 1902. Agr 3—584

**Canada—Agriculture, Department of—Agriculture and dairying, Commissioner of—Live stock division.** . . . A directory of the breeders of pure bred live stock of the Dominion of Canada. 59 p. incl. tab. 25<sup>cm</sup>. [Ottawa] 1901.

Pub. by direction of the Hon. Sydney A. Fisher, Minister of agriculture.

**Canada—Chief veterinary inspector.** . . . Health of animals; bulletin no. 1-9. 25<sup>cm</sup>. [Ottawa, Gov. print. bureau] 1900-02.

No. 1-2, 4-5, title reads: Farmers' bulletin. No. 3, 6, title reads: Special bulletin . . . No. 7-8 have no series title.

**Canterbury (N. Z.) agricultural and pastoral association.** The New Zealand herd book of short-horn cattle. v. iv. 22<sup>cm</sup>. Christchurch, N. Z., Printed at the office of the Christchurch press company, limited, 1902.

**Devon cattle breeders' society.** Davy's Devon herd book containing the ages and pedigrees of pure bred Devon cattle, with supplement for 1902. v. 26. 22<sup>cm</sup>. Exeter, W. Pollard & co., ltd., printers, 1903.

**Devon cattle breeders' society.** Devon cattle breeders' society. 1902 . . . 22 p. 21½<sup>cm</sup>. Taunton [Eng.] E. Goodman and son, Phoenix printing works, 1902.

**Dumont, R.** Manuel pratique de l'alimentation du bétail; alimentation rationnelle . . . 360 p. tab. 18<sup>cm</sup>. Paris, J.-B. Baillière et fils, 1903. ([Bibliothèque des connaissances utiles]) Agr 3—586

The **general stud book**, containing pedigrees of race horses, &c., &c., from the earliest accounts to the year 1900 inclusive . . . v. i-XIX. 22<sup>cm</sup>. London, Weatherby and sons, 1840-1901.

v. i: 4th ed., 1858; v. ii: 3d ed., 1869; v. iii: 3d ed., 1855; v. iv: 2d ed., 1840; v. v: 2d ed., 1866; v. vi: 2d ed., 1857.

**Hampshire Down sheep breeders' association.** Hampshire Down flock book . . . v. xiv. 21½<sup>cm</sup>. Salisbury, Printed for the society by the "Wiltshire county mirror and express" company, limited, 1903.

**Hardin, L. S.** The dairy calf. Breeding and raising . . . 38 p. illus. 19½<sup>cm</sup>. Louisville, Ky. [1897] Agr 3—587

**Hunters' improvement society.** . . . Record . . . v. 1-2. pl. 22<sup>cm</sup>. London, Printed for the society by Cassell & company, limited, 1887-88.

**Kleinsorge, Josef.** Geschichte und förderungsmassnahmen der landwirtschaftlichen tierzucht Westfalens . . . 2 p. l., 48 p. 2 double maps. 23½<sup>cm</sup>. Weilburg, A. Cramer'sche buchdruckerei, 1902. Agr 3—588

Inaug.-dis.—Jena.

**National pig breeders' association.** . . . Herd book . . . v. 19. 25<sup>cm</sup>. Rudington, Nottingham, National pig breeders' association, 1903.

**Peacock, Edward Adrian Woodruffe—** . . . Thoroughbreds and their grass-land. no. [I]-II. 21<sup>cm</sup>. Louth [Eng.] J. W. Goulding and son, 1902. (Rural studies series, no. 1-2)

**Polled Durham breeders' association.** The American polled Durham herd book containing a record of polled Durham cattle . . . v. 2. front. 22½<sup>cm</sup>. Chicago, Ill., The Polled Durham breeders' association, 1903.



**Sociedad rural argentina.** The Argentine estancia; special number of the "Annals of the Argentine rural society" dedicated to the live stock show of September 1902 . . . 109 p. incl. pl. illus., fold. pl. 27<sup>cm</sup>. Buenos Aires, Printed by the South American bank note co., 1903.

Also Spanish edition.

**Tegetmeier, William Bernhard.** Pheasants for coverts and aviaries . . . Illustrated with full-page engravings drawn from life by T. W. Wood. 3 p. l., 124 p. front., illus., pl. 32½<sup>cm</sup>. London, H. Cox, 1873. 2—16667

**Wensleydale long-wool sheep breeders' association and flock book society.** The flock book of Wensleydale long-wool sheep . . . v. xiv. 19<sup>cm</sup>. Hawes, Printed for the society by T. Hiscock, 1903.

## 10. VETERINARY MEDICINE.

**Cadiot, P. J.** Traité de thérapeutique chirurgicale des animaux domestiques, par P.-J. Cadiot et J. Almy . . . 2. éd. v. 1. illus. 24½<sup>cm</sup>. Paris, Asselin et Houzeau, 1901. Agr 3—585

Bibliographies at ends of chapters.

**Kazanskiĭ veterinarnuiĭ institut [Kazan veterinary institute].** Otchet o sostoyanii ĭ dyetel'nosti . . . za 1902 ghod . . . [Report on the condition and activity . . . for the year 1902 . . .] tab., col. diagr. 25<sup>cm</sup>. Kazan, Tipographiya B. L. Domthrovskagho, 1903.

**Kitt, Theodor.** Lehrbuch der pathologischen anatomie der hausthiere für thierärzte und studierende der thiermedizin . . . 2. verb. Aufl. 2 v. illus. 25<sup>cm</sup>. Stuttgart, F. Enke, 1900–01.

**Lignières, Joseph.** Contribution à l'étude de la trypanosomose des équidés sud-américains connue sous le nom de "mal de cadera," trypanosoma elmasiani . . . 120 p., 4 l. iii pl. (partly col.) 26½<sup>cm</sup>. Buenos Aires, Impr. Coni frères, 1902. Agr 3—724

Article publié dans la Revista de la Sociedad médica argentina, t. x, p. 481.

## 11. DAIRY.

**Dzierzowski, Szymon.** Ueber die stoffwechselproducte des sporadischen galt bewirkenden streptococcus mastitidis sporadicæ . . . 13 p. 20½<sup>cm</sup>. Bern, Buchdruckerei K. Stämpfli & cie., 1891. Agr 3—628

Inaug.-dis.—Zürich.

**Farrington, Edward Holyoke.** Testing milk and its products. A manual for dairy students, creamery and cheese-factory operators and dairy farmers. By E. H. Farrington . . . and F. W. Woll . . . 1st ed. viii, 236 p. front. (port.) illus. 20<sup>cm</sup>. Madison, Wis., Mendota book company, 1897.

**Granite state dairymen's association.** Report of the 16th–17th annual meeting . . . 1900, 1901. illus., port. 22<sup>cm</sup>. Concord, N. H., The Rumford press, 1902.

**Hutchison, George G., comp.** . . . List of licenses granted by the Dairy and food commissioner from July 1, 1902, to December 31, 1902; together with a list of analyses of food samples taken, and a record of suits and prosecutions brought during that period . . . 247 p. 23½<sup>cm</sup>. [Harrisburg] W. S. Ray, state printer, 1903. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 110)

**Mecklenburg-Schwerin. Milchwirtschaftliche centralstelle für Mecklenburg-Schwerin zu Güstrow.** Jahresbericht . . . für das geschäftsjahr 1902. tab. (partly fold.) 24<sup>cm</sup>. Güstrow, Ratsbuchdruckerei C. Michael [1903]

**Ontario, Dairymen's association of the province of.** Annual reports . . . 1902. 24½<sup>cm</sup>. Toronto, Printed by L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

**Robinson, A.** Essential English milk; treatment and results. 2 l. 26½<sup>cm</sup>. [London] 1903.

**Rothschild, Henri de.** . . . Le lait à Copenhague . . . 36 p. xii pl. 25<sup>cm</sup>. Paris, O. Doin, 1903. Agr 3—589

Extrait de la Revue d'hygiène et de médecine infantiles, t. I, n° 6, 1902.

**Svoboda, H.** Ueber die echtheit und qualität der klagenuferter „kochbutter“ . . . cover title, 18 p. tab. 22<sup>cm</sup>. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1902] Agr 3—590

Sonderabdruck aus der „Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich,“ 1902.

**Van Slyke, Lucius Lincoln.** . . . Modern dairy science and practice . . . 128 p. illus., pl. 23½<sup>cm</sup>. [Harrisburg] W. S. Ray, state printer, 1903. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 104) Agr 3—591

## 12. PHYSICS AND MATHEMATICS.

**Bolas, Thomas.** The lens; a practical guide to the choice, use, and testing of photographic objectives, by Thos. Bolas . . . and George E. Brown . . . vi, 7-176 p. illus., tab., diagr. 22½<sup>cm</sup>. New York; Tennant & Ward [1902] 3—1254

**Bremiker, Carl.** Bremiker's tables of the common logarithms of numbers and trigonometrical functions to six places of decimals. 10th stereotyped ed. xv, 598 p. incl. tab. 23<sup>cm</sup>. Berlin, Nicolai's publishing firm [18—]

**Gibbs, Josiah Willard.** Elementary principles in statistical mechanics, developed with especial reference to the rational foundation of thermodynamics . . . xviii, 207 p. 23<sup>cm</sup>. New York, C. Scribner's sons; London, E. Arnold, 1902. (Yale bicentennial publications) 2—8251

**Kent, William.** The mechanical engineer's pocket-book. A reference-book of rules, tables, data, and formulæ, for the use of engineers, mechanics, and students . . . 6th ed., rev. and enl. 6th thousand. 1 p. l., iv p., 1 l., v-xxxii, 1113 p. illus., diagr. 17½<sup>cm</sup>. New York, J. Wiley & sons; London, Chapman & Hall, limited, 1903. 3—379

**Smoley, Constantine.** Smoley's tables; containing parallel tables of logarithms and squares of feet, inches and fractions of inches, expressed in decimals of a foot and advancing by one thirty-seconds of an inch from zero to fifty feet. For engineers, architects, etc. Ed. 2. 4 p. l., 214 p. 18<sup>cm</sup>. N. Y., The Engineering news pub. co., 1902.

## 13. METEOROLOGY.

**Great Britain—Meteorological council.** Report . . . for the year ending 31st of March, 1902, to the president and council of the Royal Society . . . front., maps, tab., diagr. 24<sup>cm</sup>. London, H. M. Stationery off., 1902.

## 14. CHEMISTRY AND CHEMICAL TECHNOLOGY.

**Benedikt, Rudolf.** Analyse der fette und wachsorten . . . 4. erweiterte aufl., bearb. von Ferdinand Ulzer . . . xii, 941 p. illus., tab. 23½<sup>cm</sup>. Berlin, J. Springer, 1903.

**Bologna, Laboratorio chimico agrario in.** Ragguagli sui lavori eseguiti . . . 1900-1901, 1901-1902, anno xxix-xxx . . . 24<sup>cm</sup>. Bologna, Ditta N. Zanichelli, 1902.

**Cape of Good Hope—Analytical laboratory.** . . . Report of the senior analyst for the year 1901 . . . tab., 1 fold. map, 1 fold. col. diagr. 24<sup>cm</sup>. Cape Town, W. A. Richards & sons, government printers, 1902.

**Carlsberg laboratoriet.** Comptes-rendus des travaux du Laboratoire de Carlsberg. 6. v., 1. livr. 24<sup>cm</sup>. Copenhagen, H. Hagerup, 1903.

**Chemisches central-blatt.** Repertorium für reine, pharmaceutische, physiologische und technische chemie [weekly] 3. folge, XI. jahrg. 23½<sup>cm</sup>. Leipzig, L. Voss, 1880.

Completes Library set.

**Jersey—Analyste officiel.** Rapport annuel . . . pour l'année terminant le 25 mars, 1897 . . . 21½<sup>cm</sup>. [St. Helier's] Jersey, Le Lièvre, frères, imprimeurs des états, 1897.

**Koch, M.** Ueber das harz von dammara orientalis (Manila-copal) und ueber das siebenbürgische resina pini von picea vulgaris (Link) . . . 100 p. tab. 22<sup>cm</sup>. Jena, Druck von A. Kämpfe, 1902.

Inaug.-dis.—Bern.

Agr 3—646

Prepared under the direction of A. Tschirch.

**Mittheilungen** aus den Königlichen technischen versuchsanstalten zu Berlin. Hrsq. im auftrage der Königlichen aufsichts-kommission. 20. jahrg.; 1902. [6. hft.] illus., fold. pl., tab. 27<sup>cm</sup>. Berlin, J. Springer, 1902.

**Weems, Julius Buel.** The chemical composition of sewage of the Iowa state college sewage plant. By J. B. Weems, J. C. Brown, and R. C. Myers. [69]—80 p. tab. 22<sup>cm</sup>. [n. p., 1902] (Contribution from the Department of agricultural chemistry, Iowa state college)

Agr 3—594

Reprinted from v. IX, Proceedings Iowa academy of sciences.

R. C. Myers misprint for E. C. Myers.

**Weems, Julius Buel.** The sanitary analyses of some Iowa deep well waters . . . cover-title, 63—70 p. 22<sup>cm</sup>. [n. p., 1902] (Contribution from the Department of agricultural chemistry, Iowa state college)

Agr 3—595

Reprinted from v. IX, Proceedings Iowa academy of sciences.

## 15. FOODS AND BEVERAGES.

**Armsby, Henry Prentiss.** The principles of animal nutrition. With special reference to the nutrition of farm animals . . . 1st ed. 1st thousand. vii, 614 p. 23½<sup>cm</sup>. New York, J. Wiley & sons; London, Chapman & Hall, limited, 1903. 3-2947

**Boullanger, Eugène** . . . Industries agricoles de fermentation, cidrerie, brasserie, hydromels, distillerie . . . Introduction par le Dr P. Regnard . . . xii, 472 p. illus., tab., diagr. 18<sup>cm</sup>. Paris, J.-B. Baillièrre et fils, 1903. (Encyclopédie agricole)

Agr 3—654

Advertisements: p. [467]—472.

**Braun, Emil.** The baker's book; a practical hand book of the baking industry in all countries . . . tr., ed. and published by Emil Braun. v. 1. illus., col. pl. 24½<sup>cm</sup>. New York, E. Braun, 1901.

2—25032

**Cameron, Sir Charles Alexander.** The stock-feeder's manual. The chemistry of food in relation to the breeding and feeding of live stock . . . viii, 253, [1] p. 1 pl., tab. 19½<sup>cm</sup>. London and New York, Cassell, Petter, and Galpin, 1868.

Agr 3—726

**Grindley, Harry Sands.** . . . The artificial method for determining the ease and the rapidity of the digestion of meats, by Harry Sands Grindley, Sc. D., and Timothy Mojonniier, M. S. 26 p. incl. tab. 25½<sup>cm</sup>. Urbana, University press, 1903. (University of Illinois. The University studies. v. 1, no. 5)

Agr 3—727

"Titles of articles and books published by the corps of instruction, University of Illinois, between May 1, 1902, and May 1, 1903": p. 21—26.

**Hammarsten, Olof.** Om näringsämnenas betydelse för muskelarbetet . . . 1 p. l., 56 p. 24<sup>cm</sup>. [Upsala, Akademiska boktryckeriet E. Berling, 1901]

Agr 3—596

Inbjudningsskrift—Upsala.



**Hotter, Eduard.** Beiträge zur obstweinebereitung . . . cover-title, 63 p. incl. tab. 1 fold. tab. 22½<sup>cm</sup>. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1902]

Agr 3—655

Sonderabdruck aus der "Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich," 1902.

**Huth, Johann.** Beitrag zur kenntnis der lehre vom stoffwechsel der wiederkäuer . . . 80, [2] p. 22½<sup>cm</sup>. Bonn, C. Georgi, 1902.

Agr 3—728

Inaug-dis.—Bonn.

**Lévy, Lucien.** Les moûts et les vins en distillerie . . . 2 p. l., iv, 651 p., 1 l. illus. 22<sup>cm</sup>. Paris, C. Naud, 1903. ([Bibliothèque technologique])

Agr 3—652

**Lorenz, Eugen.** Das gesetz von 16. jänner 1896, R. G. Bl. nr. 89 ex 1897, betreffend den verkehr mit lebensmitteln und einigen gebrauchsgegenständen, mit erläuterungen aus den motiven und materialien nebst den einschlägigen landesgesetzen u. durchführungsverordnungen, zusammengestellt von Eugen Lorenz . . . 2. aufl. iv, 307, [1] p. 16<sup>cm</sup>. Wien, Manz'sche K. u. K. Hof-verlags- u. universitäts-buchhandlung, 1901.

Agr 3—691

**National association of state dairy and food departments.** . . . Journal of proceedings of the sixth annual convention . . . held at Portland, Oregon . . . [1902] 28<sup>cm</sup>. [Chicago, H. B. Meyers, 1903]

**Sandlands, J. P.** Natural food . . . vi p., 1 l., 91 p. 18½<sup>cm</sup>. London, E. Stock, 1902.

Agr 3—700

**Weems, Julius Buel.** . . . A study of the food value of some of the edible fungi of Ames. By J. B. Weems, PH. D., and Alice W. Hess, M. S. . . . cover-title, [165]—172 p. incl. tab. 23½<sup>cm</sup>. Ames, Ia., 1902. (Contribution no. 3, from the Department of agricultural chemistry, Iowa state college)

Agr 3—572

At head of title: Proceedings 23d annual meeting of Society for promotion agricultural science.

**Yuan Tzū-ts'ai.** Sui Yuan shih tan [The Sui Yuan cook book] 62 p. 19½<sup>cm</sup>. In Chinese.

Written between 1796 and 1821.

## 16. BACTERIA AND FERMENTATION.

**Buchner, Eduard.** Die zymasegärung, untersuchungen über den inhalt der hefezellen und die biologische seite des gärungsproblems. Aus dem Hygienischen institut der Kgl. Universität München und dem Chem. laboratorium der Kgl. Landwirtsch. hochschule zu Berlin, von Eduard Buchner . . . Hans Buchner . . . und Martin Hahn . . . viii, 416 p. illus., tab., diagr. 25<sup>cm</sup>. München und Berlin, R. Oldenbourg, 1903.

Agr 3—656

**Frankland, Grace C. (Toynbee)** "Mrs. Percy Frankland" Bacteria in daily life . . . 4 p. l., 216 p. 19½<sup>cm</sup>. London, New York [etc.] Longmans, Green, and co., 1903.

Agr 3—770

**Jahresbericht** über die fortschritte in der lehre von den pathogenen mikroorganismen umfassend bacterien, pilze und protozoën, unter mitwirkung von fachgenossen, bearb. und hrsg. von Dr. med. P. von Baumgarten . . . und Dr. med. F. Tangl . . . 17. jahrg., 1901, 1. abt. 23½<sup>cm</sup>. Leipzig, S. Hirzel, 1903.

**Kolle, W.** Handbuch der pathogenen mikroorganismen . . . hrsg. von Prof. Dr. W. Kolle und Prof. Dr. A. Wassermann . . . 9.-10. lfg., text. 25½<sup>cm</sup>. Jena, G. Fischer, 1903.

**Ozard, Élisée.** . . . La pratique des fermentations industrielles . . . 168 p. tab. 19½<sup>cm</sup>. Paris, Masson et c<sup>e</sup> [etc.] [1903] (Encyclopédie scientifique des aides-mémoire)

Agr 3—653

**Sachs, Hans.** . . . Ueber antipepsin . . . cover-title, [425]—428 p. 23½<sup>cm</sup>. Berlin, Fischer's medicin. buchhandlung H. Kornfeld, 1902.

Separatabdruck aus no. 13 [Fortschritte der medicin, bd. 20, 1902]



17. MEDICINE, HYGIENE AND PHARMACY.

**American pharmaceutical association.** Proceedings . . . at the fiftieth annual meeting held at Philadelphia, Pa., September, 1902. Also the constitution, by-laws, and roll of members. front. (port.) pl. 23<sup>cm</sup>. Baltimore, American pharmaceutical association, 1902.

**Berg, Otto Karl.** Die chinarinden der pharmakognostischen sammlung zu Berlin . . . 2 p. l., 48 p. x pl. 29<sup>cm</sup>. Berlin, R. Gaertner, 1865. Agr 3—603

**Berg, Otto Karl.** Pharmazeutische waarenkunde . . . 5. aufl. Neu bearb. von Dr. August Garcke. xxix, [1], 696 p. 22½<sup>cm</sup>. Berlin, R. Gaertner, 1879. Agr 3—644  
Added t.-p.: Pharmakognosie des pflanzen- und thierreichs, von Dr. Otto Berg . . . 5. aufl. Neu bearb. von Dr. August Garcke.

**Brestowski, A., ed.** Handwörterbuch der pharmacie. Praktisches handbuch für apotheker, ärzte, medicinalbeamte und drogisten. Unter mitwirkung hervorragender fachmänner, hrsg. von A. Brestowski . . . 2 v. 29<sup>cm</sup>. Wien und Leipzig, W. Braumüller, 1893—96. Agr 3—604

**Cremer, J.** Studien über elemi . . . 86 p. tab. 22½<sup>cm</sup>. Aachen, Druck von J. Stercken, 1902. Agr 3—605  
Inaug.-dis.—Bern.

**Dayton (Ohio)—Water works.** Thirty-second annual report of the trustees . . . to the City council, for the year ending December 31, 1901, together with the reports of the secretary, engineer and superintendent. tab. 22½<sup>cm</sup>. Dayton, Ohio, The Groneweg printing company, 1902.

**Dominguez, Juan A.** . . . Datos para la materia médica argentina . . . Tomo 1. 22<sup>cm</sup>. Buenos Aires, E. Spinelli, 1903. (Facultad de ciencias médicas. Trabajos del Museo de farmacología. no. 1)

**Dronke, Julius Heinrich Albert.** Die verpflanzung des fieberrindenbaumes aus seiner südamerikanischen heimat nach Asien und anderen ländern . . . 3 p. l., 44, [2] p. ii maps. 28<sup>cm</sup>. Wien, R. Lechner (W. Müller) 1902. Agr 3—616

**Ehrlich, Paul.** La leucocytose . . . 12 p. 24<sup>cm</sup>. Paris, Masson et cie [1900] Agr 3—819

At head of title: XIII<sup>e</sup> congrès international de médecine, Paris, 2-9 août 1900. Section d'anatomie pathologique.

**Ehrlich, Paul.** Ueber die beziehungen von chemischer constitution, vertheilung und pharmakologischer wirkung. Vortrag gehalten im Verein für innere medicin am 12. december 1898 . . . 35 p. 24½<sup>cm</sup>. [n. p., 1898?] Agr 3—825

Sonder-abdruck aus der v. Leyden-festschrift. 1. bd.

**Flückiger, Friedrich August.** Histoire des drogues d'origine végétale, par F.-A. Flückiger . . . et Daniel Hanbury . . . traduction de l'ouvrage anglais "Pharmacographia" augm. de très-nombreuses notes par le Dr J.-L. de Lanessan . . . avec une préface par H. Baillon et 320 figures dessinées pour cette traduction par L. Hugon . . . 2 v. illus. 24<sup>cm</sup>. Paris, O. Doin, 1878. Agr 3—606

**Garnault, Marie Ferdinand Henri Paul.** Le professeur Koch et le péril de la tuberculose bovine . . . xxx, 1062 p. illus. 20<sup>cm</sup>. Paris, Institut international de bibliographie, 1902. Agr 3—613

Last page erroneously numbered 1462.

"Principaux travaux du Dr Garnault": p. [v]—viii.

"Bibliographie des travaux pub. depuis le congrès de Londres": p. [1041]—1062.

**Hansen, Adolph.** Die quebracho-rinde. Botanisch-pharmakognostische studie . . . 2 p. l., 24, [2] p. iii pl. 28½<sup>cm</sup>. Berlin, J. Springer, 1880. Agr 3—766

**Heuberger, Karl.** Untersuchungen über den chinesischen rhabarber . . . 62, [1] p. 23<sup>cm</sup>. Bern, Buchdruckerei Böhler & co., 1902. Agr 3—643

Inaug.-dis.—Bern.

Prepared under the direction of A. Tschirch.

**Koch, Ludwig.** Die mikroskopische analyse der drogenpulver; ein atlas für apotheker, drogisten und studierende der pharmacie . . . 2. bd., 4. lfg. xv-xix pl. 30<sup>cm</sup>. Leipzig, Gebrüder Borntraeger, 1903.

**Levaditi, C.** Experimentelle untersuchungen über cumarinvergiftung . . . [241]-247 p. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>. [Jena, G. Fischer, 1901] Agr 3-829

Aus dem Kgl. Preuss. institute für experimentelle therapie in Frankfurt a. M.

Abdruck aus dem Centralblatt für allgemeine pathologie und pathologische anatomie . . . xii. bd., no. 6, 1901.

**London—County council—Medical officer of health.** . . . Tenth annual report of the Medical officer of health of the administrative county of London. 1901 . . . tab., diagr. (partly fold.) 33<sup>cm</sup>. [London] J. Truscott and son, ltd., printers [1903?]

**Lubowski, Robert.** . . . Befund von schweinerothlaufbazillen im stuhle eines ikterischen Kindes . . . 4 p. 21<sup>1</sup>/<sub>2</sub><sup>cm</sup>. [Berlin, Druck von G. Bernstein, 1901]

"Literatur": p 4.

Aus dem Königlichen institut für experimentelle therapie in Frankfurt a. M.

Sonderabdruck aus der "Deutschen medicinischen wochenschrift" 1901, no. 8.

**Marmé, Wilhelm.** Lehrbuch der pharmacognosie des pflanzen- und thierreichs. Im anschluss an die zweite ausg. der Pharmacopoea germanica für studirende der pharmacie, apotheker und medicinalbeamte, bearb. von Dr. Wilhelm Marmé . . . xvi, 684 p. 23<sup>cm</sup>. Leipzig, Veit & comp., 1886. Agr 3-608

**Michaelis, Ad. Alf.** Aconitum als heilpflanze. Eine botanisch-medizinische abhandlung . . . 1 p. l., vi, [2], 96 p. col. front. 22<sup>cm</sup>. Halle a. S., Gebauer-Schwetschke, 1903. (*Half-title*: Pflanzenheilkunde. II. Angewandter teil: Aconitum) Agr 3-609

[With his Pflanzenheilkunde. Pflanzen und kräuter als volksheilmittel]

**Michaelis, Ad. Alf.** Pflanzenheilkunde. Pflanzen und kräuter als volksheilmittel. Unter besonderer berücksichtigung der wissenschaftlichen forschungen und ärztlichen erfahrungen der neuzeit nach zuverlässigen quellen bearb. von Ad. Alf. Michaelis. 1 p. l., x, 160 p. 22<sup>cm</sup>. Halle a. S., Gebauer-Schwetschke, 1903. (*Half-title*: Pflanzenheilkunde. 1. Allgemeiner teil) Agr 3-610

**Michaelis, L.** . . . Die vitale färbung, eine darstellungsmethode der zellgranula . . . [558]-575 p. 1 pl. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>. [Bonn, F. Cohen, 1900]

At head of title: Aus dem Kgl. Preuss. institut für serumforschung und serumprüfung in Steglitz. Sonderabdruck aus dem Archiv für mikroskopische anatomie und entwicklungsgeschichte. Bd. 55. 1900.

**Moeller, Josef.** Lehrbuch der pharmakognosie . . . v p., 1 l., 450 p. illus. 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>. Wien, A. Hölder, 1889. Agr 3-611

**Molina Serrano, Eusebio.** Discursos leidos y pronunciados en la Sociedad española de higiene sobre el tema peligros de la alimentación por las carnes de matadero y medios de evitarlos . . . 72 p. 23<sup>cm</sup>. Madrid, Establecimiento tipográfico de los hijos de R. Álvarez á cargo de A. Menéndez, 1902. [*With* Gaceta de medicina zoológica. Madrid. año xxvi] Agr 3-699

**Ohio—Health, State board of.** Sixteenth annual report . . . for the year ending October 31, 1901. fold. map, tab. (partly fold.) diagr. 24<sup>1</sup>/<sub>2</sub><sup>cm</sup>. Columbus, F. J. Heer, state printer, 1902.

**Rubner, Max.** Lehrbuch der hygiene. Systematische darstellung der hygiene und ihrer wichtigsten untersuchungs-methoden. Zum gebrauch für studierende der medicin, physikatscandidaten, sanitäts-beamte, ärzte, verwaltungs-beamte . . . 7. aufl. xii, 983 p. illus., diagr. 25<sup>1</sup>/<sub>2</sub><sup>cm</sup>. Leipzig und Wien, F. Deuticke, 1903. Agr 3-671

**South Carolina—Health, State board of.** Twenty-third annual report . . . for the fiscal year 1902 . . . tab. (partly fold.) 23<sup>1</sup>/<sub>2</sub><sup>cm</sup>. Columbia, The state company, state printers, 1903.

**Splanemann, Gustav.** De digitali purpurea . . . 27, [4] p. 19<sup>cm</sup>. Berolini, Typis Fratrum Schlesinger [1854] Agr 3—747  
Inaug.-dis.—Berlin.

**Thunberg, Carl Petter, præses.** De ipecacuanha dissertatio . . . 22 p., 1 l., 23–38 p. 18½<sup>cm</sup>. Upsaliæ, Excudebant Regiæ academiæ typographi [1824] Agr 3–748  
Inaug.-dis.—Upsala.

Consists of two dissertations, each having its own title-page, but with text and paging continuous.  
pt. 1, p. 1–22: respondent, Immanuel Billberg. pt. 2, p. 23–38: respondent, Joh. Otto Lidströmer.

**Tissot, Simon André D.** . . . Dissertatio de febribus biliosis; seu Historia epidemiæ biliosæ lausannensis, an. MDCCCLV. Accedit tentamen de morbis ex manustupratione . . . xiv, 176 p. 20<sup>cm</sup>. Lausannæ, sumptib. M.-M. Bousquet & soc., 1758. [With Linné, Karl von. Materia medica. liber 1] Agr 3—614

**Vogl, August Emil.** Beiträge zur kenntniss der sogenannten falschen china-rinden . . . 1 p. l., [91]–114 p. 1 pl. 31½<sup>cm</sup>. [Wien, 1876] Agr 3—769

“Festschrift d. K. K. Zoolog. botan. ges. in Wien 1876.”

“Verzeichniss der abgekürzt citirten werke und abhandlungen.” p. 114.

## 18. IMMUNITY.

**Bashford, Ernest F.** . . . Ueber blutimmunität . . . [101]–109 p. 25<sup>cm</sup>. [Bruxelles, H. Lamertin; etc., etc., 1901]

At head of title: Aus dem Institut für experimentelle therapie in Frankfurt a/M . . .

From Archives internationales de pharmacodynamie et de thérapie. Vol. VIII, fasc. I & II. 1901.

**Ehrlich, Paul.** Constitution, vertheilung und wirkung chemischer koerper; aeltere und neuere arbeiten. 96 p. 24<sup>cm</sup>. Leipzig, G. Thieme, 1893. Agr 3—817

Consists of reprints of articles published in various medical journals.

**Ehrlich, Paul.** Croonian lecture.—“On immunity with special reference to cell life” . . . Received March 17,—read March 22, 1900. 424–448 p. 2 pl. 21½<sup>cm</sup>. [London, 1900] Agr 3—818

From the Proceedings of the Royal society. Vol. LXVI, no. 432. July 24, 1900.

**Ehrlich, Paul.** Mode d'action et mécanisme de production des antitoxines . . . cover-title, 13 p. 21½<sup>cm</sup>. Paris, Impr. de la Semaine médicale, 1899. Agr 3—820

Translation of an unpublished speech made by Ehrlich at the inauguration of the K. Institut für experimentelle therapie in Frankfurt a. M.

Extrait de la Semaine médicale, 6 décembre 1899.

**Ehrlich, Paul.** . . . Observations upon the constitution of the diphtheria toxin . . . (From the Institute for serumprüfung und serumforschung, Steglitz, Berlin.) 16 p. 22<sup>cm</sup>. [London, 1899] Agr 3—821

At head of title: Transactions of the Jenner institute of preventive medicine.

Translated by A. Macfadyen.

**Ehrlich, Paul.** Schlussbetrachtungen. 25, [1] p. 1 pl. 24½<sup>cm</sup>. Wien, A. Hölder, 1901. Agr 3—822

Separat-abdruck aus bd. 8 der Speciellen pathologie und therapie, hrsg. von . . . Hermann Nothnagel; Erkrankungen des blutes und der blutbildenden organe.

**Ehrlich, Paul.** . . . Die schutzstoffe des blutes . . . cover-title, 28 p. 24½<sup>cm</sup>. Leipzig, F. C. W. Vogel, 1901. Agr 3—823

Gesellschaft deutscher naturforscher und ärzte, Verhandlungen, 1901; Allgemeiner theil. Sonderabdruck.

**Ehrlich, Paul.** . . . Ueber den mechanismus der amboeptorenwirkung. Von Prof. Dr. P. Ehrlich und H. Sachs. cover-title, 14 p. 22½<sup>cm</sup>. [Berlin, Druck von L. Schumacher, 1902] Agr 3—824

Sonderabdruck aus der Berliner klin. wochenschr., 1902, no. 21.

At head of title: Aus dem Königl. Institut für experimentelle therapie in Frankfurt a. M.

**Ehrlich, Paul.** Ueber die complementophilen gruppen der amboeptoren. Von Prof. Dr. P. Ehrlich und H. T. Marshall . . . cover-title, 8 p. diagrs. 22½<sup>cm</sup>. [Berlin, Druck von L. Schumacher, 1902] Agr 3—826

At head of title: Aus dem Königl. Institut für experimentelle therapie in Frankfurt a. M.

Sonderabdruck aus der Berliner klin. wochenschr., 1902, no. 25.



**Ehrlich, Paul.** . . . Ueber die vielheit der complemente des serums . . . cover-title, 16 p. 22½<sup>cm</sup>. [Berlin, Druck von L. Schumacher, 1902] Agr 3-827

At head of title: Aus dem Königl. Institut für experimentelle therapie in Frankfurt a. M.  
Sonderabdruck aus der Berliner klinischen wochenschrift, 1902, no. 14 und 15.

**Ehrlich, Paul.** Ueber hämolysine. 4.-6. mittheilung. Von professor Dr. P. Ehrlich und Dr. J. Morgenroth . . . diagrs. 22½<sup>cm</sup>. Berlin, Druck von L. Schumacher, 1900-1901.

Sonderabdruck aus der Berliner klin. wochenschr., 1900, no. 31; 1901, no. 10, 21/22.  
For Mittheilung 1-3 see Berliner klin. wochenschr. 1899, no. 1, 22; 1900, no. 21.

**Ernst, Harold Clarence.** Modern theories of bacterial immunity; Harold C. Ernst, M. D. 3 p. l., 123 p. 21½<sup>cm</sup>. Boston, Publication office of the Journal of medical research, 1903. Agr 3-693

"Abstract of a short series of lectures delivered . . . in the Harvard medical school in January, 1903."—Introd.

"Glossary": p. 110-123.

**Korschun, S.** . . . Ueber die hämolytischen eigenschaften von organ-extracten. Von Dr. S. Korschun . . . und Dr. J. Morgenroth . . . cover-title, 18 p. 22½<sup>cm</sup>. [Berlin, Druck von L. Schumacher, 1902] Agr 3-828

At head of title: Aus dem Kgl. Institut für experimentelle therapie in Frankfurt a. M.  
Sonderabdruck aus der Berliner klin. wochenschr., 1902, no. 37.

**Levaditi, C.** L'immunité d'après la théorie des "chaînes latérales" bactériolysines et cytotoxines . . . 45 p. diagr. 21½<sup>cm</sup>. Paris, C. Naud, 1901. Agr 3-830

Extrait de La Presse médicale (n° 70, 31 août 1901)

**Lipstein, A.** Die komplementablenkung bei baktericiden reagenzglasversuchen und ihre ursache . . . 9 p. 23½<sup>cm</sup>. [Jena, G. Fischer, 1902] Agr 3-831

Aus dem Kgl. Institute für experimentelle therapie.

Abdruck aus dem Centralblatt f. bakteriologie, parasitenkunde u. infektionskrankheiten. 1. abt. Originale . . . xxxi. bd. 1902. no. 10.

**Lubowski, Robert.** . . . Ueber einen atoxischen und avirulenten diphtheriestamm und über die agglutination der diphtheriebacillen . . . cover-title, [87]-103 p. 23<sup>cm</sup>. Leipzig, Veit & comp., 1900. Agr 3-832

At head of title: Aus dem Königl. Preussischen institute für experimentelle therapie zu Frankfurt a. M.

Separat-abdruck aus der Zeitschrift für hygiene und infektionskrankheiten . . . 35. bd. 1900.

**Madsen, Thorvald.** . . . Ueber heilversuche im reagensglas . . . cover-title, [239]-245 p. 23½<sup>cm</sup>. Leipzig, Veit & comp., 1899. Agr 3-833

At head of title: Aus dem Kgl. Pr. Institut für serumforschung und serumprüfung.

Separat-abdruck aus der Zeitschrift für hygiene und infektionskrankheiten . . . 32. bd. 1899.

**Madsen, Thorvald.** . . . Ueber tetanolysin . . . cover-title, [214]-238 p. diagr. 23½<sup>cm</sup>. Leipzig, Veit & comp., 1899. Agr 3-834

At head of title: Aus dem Königl. Preuss. institut für serumforschung u. serumprüfung.

Separat-abdruck aus der Zeitschrift für hygiene und infektionskrankheiten . . . 32. bd. 1899

**Marshall, H. T.** Ueber differenzierung von komplementen durch ein partial-antikomplement . . . Von H. T. Marshall . . . und Dr. J. Morgenroth . . . 570-572 p. 23½<sup>cm</sup>. [Jena, G. Fischer, 1902]

Aus dem Kgl. Institut für experimentelle therapie in Frankfurt a. M.

Abdruck aus dem Centralblatt f. bakteriologie, parasitenkunde u. infektionskrankheiten. 1. abt. Originale. xxxi. bd. 1902. No. 12.

**Marx, E.** Experimentelle untersuchungen über die beziehung zwischen dem gehalt an immunitätseinheiten und dem schützenden und heilenden werth der diphtherieheilsera . . . cover-title, [372]-385 p. 23<sup>cm</sup>. Leipzig, Veit & comp., 1901. Agr 3-836

At head of title: Aus dem Königl. Institut für experimentelle therapie zu Frankfurt a. M.

Separat-abdruck aus der Zeitschrift für hygiene und infektionskrankheiten . . . 35. bd. 1901.

**Marx, E.** Die werthbestimmung des schweine rothlaufserums . . . 8, [1] p. 22<sup>cm</sup>. Hannover, A. Eberlein & co., 1901. Agr 3-837

Aus dem Kgl. Institut für experimentelle therapie zu Frankfurt a. M.

Sonderabdruck aus nr. 6 der "Deutschen thierärztlichen wochenschrift." jahrgang 1901.



**Morgenroth, J.** Ueber die erzeugung hämolytischer amboceptoren durch serum-injektion. Ein beitrage zur kenntnis der receptoren . . . cover-title, 10 p. 23<sup>cm</sup>. München, J. F. Lehmann, 1902. Agr 3—838

Aus dem K. Institut für experimentelle therapie in Frankfurt a. M.

Separatabdruck aus der Münchener medicinischen wochenschrift, no. 25, 1902.

**Morgenroth, J.** . . . Zur kenntnis des tetanus des frosches . . . [265]—272 p. 25<sup>cm</sup>. [Bruxelles, H. Lamartin, etc., etc., 1900] Agr 3—839

At head of title: Aus dem Kgl. Institut für experimentelle therapie zu Frankfurt a/ M.

From Archives internationales de pharmacodynamie et de therapie . . . Vol. VII, fasc. III & IV.

**Neisser, Max.** Die bedeutung der bacteriologie für diagnose, prognose und therapie . . . 16 p. 23½<sup>cm</sup>. [Wien, M. Perles, 1900] Agr 3—840

Separatabdruck aus der "Wiener medicinischen wochenschrift" nr. 48 bis 49, 1900.

**Neisser, Max.** . . . Ueber das staphylo toxin. Von Dr. Max Neisser und Dr. Friedrich Wechsberg . . . cover-title, [299]—349 p. diagr. 23½<sup>cm</sup>. Leipzig, Veit & comp., 1901. Agr 3—841

At head of title: Aus dem Königl. Preuss. institut für experim. therapie zu Frankfurt a/ M.

Separat-abdruck aus der Zeitschrift für hygieine und infectionskrankheiten . . . 36. bd. 1901.

**Neisser, Max.** Ueber die wirkungsart bactericider sera, von Dr. Max Neisser . . . und Dr. Friedrich Wechsberg . . . cover-title, 14 p. diagr. 23<sup>cm</sup>. München, J. F. Lehmann, 1901.

Aus dem Kgl. Preuss. institut für experimentelle therapie zu Frankfurt a. M.

Separatabdruck aus der Münchener medicinischen wochenschrift, no. 18, 1901.

**Pröscher, Fr.** . . . Zur kenntnis des krötengiftes . . . cover-title, [575]—582 p. 23½<sup>cm</sup>. Braunschweig, Druck von F. Vieweg und sohn, 1902. Agr 3—843

At head of title: Beiträge zur chemischen physiologie und pathologie; Zeitschrift für die gesamte biochemie . . . Sonder-abdruck aus bd. 1, heft 10 bis 12.

"Litteratur": p. 582.

**Rehns, Jules.** . . . L'immunité active et les toxines diphtériques surcompensées . . . 2 p. 24<sup>cm</sup>. [Paris, L. Maretheux, impr., 1901]

At head of title: Extrait des Comptes rendus des séances de la Société de biologie (Séance du 9 février 1901)

**Sachs, Hans.** . . . Giebt es einheitliche alexinwirkungen? . . . cover-title, 16 p. 22½<sup>cm</sup>. [Berlin, Druck von L. Schumacher, 1902] Agr 3—844

At head of title: Aus dem Königl. Institut für experimentelle therapie in Frankfurt a. M. . . .

Sonderabdruck aus der Berliner klinischen wochenschrift, 1902, no. 9 und 10.

**Sachs, Hans.** . . . Immunisierungsversuche mit immunkörperbeladenen erythrocyten . . . 4 p. 23½<sup>cm</sup>. [Jena, G. Fischer, 1901]

Abdruck aus dem Centralblatt f. bakteriologie, parasitenkunde u. infectionskrankheiten. 1. abt. xxx. bd. 1901. no. 13.

Aus dem Kgl. Institut für experimentelle therapie zu Frankfurt a. M.

**Sachs, Hans.** . . . Neuere untersuchungen über die hämolysine des blutserums . . . [449]—457 p. 23<sup>cm</sup>. [Guben, Druck von A. Koenig, 1901] Agr 3—445

"Litteratur (seit 1898)": p. 457.

Separat-abdruck aus "Fortschritte der medicin" no. 18, 15. juni 1901.

**Sachs, Hans.** . . . Zur kenntnis des kreuzspinnengiftes . . . cover-title, [125]—133 p. 23½<sup>cm</sup>. Braunschweig, Druck von F. Vieweg und sohn, 1902. Agr 3—846

At head of title: Beiträge zur chemischen physiologie und pathologie . . . Sonder-abdruck aus bd. II, heft 1 bis 3.

Aus dem Königl. Institut für experimentelle therapie in Frankfurt a. M.

## 19. NATURAL HISTORY.

**American museum of natural history, N. Y. city.** Annual report of the president, treasurer's report, list of accessions, act of incorporation, constitution, by-laws and list of members for the year 1902. front., pl. 24<sup>cm</sup>. New York, Printed for the museum, 1903.

**Australian museum, Sydney.** . . . The atoll of Funafuti, Ellice group: its zoology, botany, ethnology, and general structure based on collections made by Mr. Charles Hedley, of the Australian museum, Sydney, N. S. W. Pub. by order of the trustees. R. Etheridge, junr., J. P., curator. iv, [2] p., 3 l., 609 p., 27 l. illus., xxvii pl. (partly col., 1 double) 24½<sup>cm</sup>. Sydney, 1896-1900. (Australian museum, Sydney. Memoir iii) Agr 3-694

**Australian museum, Sydney.** . . . Lord Howe Island. Its zoology, geology, and physical characters. Printed by order of the trustees, E. P. Ramsay, curator. 5 p. l., 132 p., 7 l. front. (fold. map) x pl. (partly fold.) incl. 2 fold. maps (1 col.) 24<sup>cm</sup>. Sydney C. Potter, government printer, 1889. (The Australian museum, Sydney. Memoirs, no. 2) Agr 3-695

**Bailey, Liberty Hyde.** The nature-study idea; being an interpretation of the new school-movement to put the child in sympathy with nature . . . 3 p. l., 159 p. 22<sup>cm</sup>. New York, Doubleday, Page & company, 1903. 3-10035

**Berlin, Gesellschaft naturforschender freunde zu.** Sitzungs-berichte . . . jahrg. 1902. illus., pl. (partly fold.) fold. tab. 23<sup>cm</sup>. Berlin, R. Friedländer und sohn, 1902.

**Cassel (Ger.) Verein für naturkunde zu.** Abhandlungen und bericht xlvii . . . über das 65. vereinsjahr 1900-1901 . . . illus., map. 20½<sup>cm</sup>. Kassel, Verlag des Vereins, 1901.

**Elrod, Morton John.** . . . A biological reconnoissance in the vicinity of Flat-head Lake . . . Prepared at the University of Montana biological station, Bigfork, Mont. 1 p. l., 91-182 p. xvii-xlvi pl. (incl. front., maps) diagr. 23<sup>cm</sup>. Missoula, Mont., University of Montana, 1902. (Bulletin University of Montana, no. 10. Biological series no. 3) Agr 3-733

"Bibliography of Montana shells": p. 174.

"Bibliography [of papers and publications . . . prepared at the biological station]": p. 174-176.

**Hague, The. Koninklijk zoölogisch botanisch genootschap te 's Gravenhage.** Verslag van den toestand . . . over het jaar 1902. 21½<sup>cm</sup>. [s Gravenhage, 1903]

**Huxley, Thomas Henry.** The scientific memoirs of Thomas Henry Huxley, supplementary volume, ed. by Professor Sir Michael Foster . . . and by Professor E. Ray Lankester . . . 6 p. l., 90 p. 11 pl. (4 fold.) 26½<sup>cm</sup>. London, Macmillan and co., limited; New York, D. Appleton and company, 1903.

**Lübeck, Geographische gesellschaft in.** Mitteilungen der Geographischen gesellschaft und des Naturhistorischen museums in Lübeck . . . 2. reihe, hft. 1-6, 9-13. pl. (partly col. & fold.) fold. map, tab., diagr. 26<sup>cm</sup>. Lübeck, Lübeck & Hartmann, 1890-99.

Completes the series to date.

**Lübeck, Naturhistorisches museum in.** Bericht . . . über das jahr 1888-1892, 1897-1900. 21<sup>cm</sup>. Lübeck, Druck von H. G. Rahtgens, 1889-1901.  
1888-97, title reads: Jahresbericht.

**Manchester (Eng.) museum, Owens college.** . . . Notes from the Manchester museum. no. 10-15. pl. 21-23<sup>cm</sup>. Manchester [Cuthbertson & Black, the Mynshull press] 1901-03.

CONTENTS.—no. 10. Dawkins, W. B. The red sandstone-rocks of Peel (Isle of Man) 1902.—no. 11. Dawkins, W. B. The carboniferous, permian and triassic rocks under the glacial drift in the north of the Isle of Man. 1902.—no. 12. Dawkins, W. B. On Bigbury Camp and the Pilgrims' Way. 1903.—no. 13. Hoyle, W. E. The use of museums in teaching. 1903.—no. 14. Hoyle, W. E. Notes on the type specimen of *Loligo eblanae*. Ball. 1903.—no. 15. Hardy, J. Ray. The macro-lepidoptera of Sherwood forest. 1901.



**La Murithienne; société valaisanne des sciences naturelles, Sion, Valais, Suisse.** Bulletin des travaux, 1868, 1872-74, 1877-80, 1883-86, 1890-91, 1894-96, 1902. fasc. [1], 3-4, 7-10, 12-15, 19-20, 23-25, 31. 18-24½<sup>cm</sup>. Sion [etc.] 1868-97.

[Fasc. 1] title reads: Guide du botaniste sur le Grand St-Bernard, par M. P.-G. Tissière. Fasc. 3-4, title reads: Bulletins des travaux de la Société Murithienne. Fasc. 7-10, 12, title reads: Bulletin des travaux de la Société Murithienne du Valais.

**New York (State)—Museum.** . . . 54th annual report of the regents, 1900, vol. 3, museum bulletins 37-44 . . . illus., pl. (partly fold.) fold. maps (partly col.) tab., diagr. 23<sup>cm</sup>. Albany, University of the state of New York, 1902.

**New York (State)—Museum.** Bulletin 62, 65. 23<sup>cm</sup>. Albany, University of the state of New York, 1903.

CONTENTS:—62. Natural history museums of the United States and Canada, by Frederick J. H. Merrill.—65. Catalogue of type specimens of paleozoic fossils in New York state museum, by John M. Clarke, with the assistance of Rudolph Ruedemann.

**Revista chilena de historia natural (órgano del Museo de Valparaiso)** publicación bimestral ilustrada, dedicado al fomento i cultivo de las ciencias naturales en Chile. Director i redactor: Prof. Carlos E. Porter . . . Año vi; 1902. illus. 23<sup>cm</sup>. Valp., Imp. Gillet [1902]

**Société linnéenne de Normandie.** Bulletin . . . 5. sér., 5. v., année 1901. front. (port.) illus. 22½<sup>cm</sup>. Caen, E. Lanier, imprimeur, 1902.

**Société linnéenne du nord de la France.** Mémoires, 1866-73. tome 1-3. pl. (partly col.) 22½<sup>cm</sup>. Amiens, Impr. Lenoel-Herouart, 1869-73.  
Completes Library set.

**Steuben county (N. Y.) agricultural society.** Nature study; fourth annual exhibition of the Steuben nature study workers of the public schools . . . 23x26<sup>cm</sup>. [n. p.] 1903.

**Thurgauische naturforschende gesellschaft.** Mitteilungen . . . 15. hft. diagr. 20½<sup>cm</sup>. Frauenfeld, Druck von Huber & co., 1902.

**Valparaiso. Museo de historia natural.** Boletín estadístico i de canjes . . . publicado por Carlos E. Porter . . . [monthly] Año vi; 1902. 23<sup>cm</sup>. Valparaiso, Imp. Gillet, 1902. [With Revista chilena de historia natural. Año vi]

**Verrill, Addison Emory.** The Bermuda Islands. An account of their scenery, climate, productions, physiography, natural history and geology, with sketches of their discovery and early history, and the changes in their flora and fauna due to man . . . x, 548 p. front., illus., pl., port. 24½<sup>cm</sup>. New Haven, Conn., The author, 1902.

3-8354

Bibliography: p. 437-452.

"Reprinted from the Transactions of the Connecticut academy of science, v. xi, with some changes."

**Vienna. K.-K. Zoologisch-botanische gesellschaft in Wien.** Verhandlungen . . . jahrg. 1902. LII. bd. illus., 1 pl. 23<sup>cm</sup>. Wien, Druck von A. Holzhausen, 1902.

## 20. PALEONTOLOGY AND GEOLOGY.

**Egypt—Public works ministry—Survey department.** Topography and geology of the eastern desert of Egypt, central portion, by T. Barron . . . and W. F. Hume . . . viii p., 2 l., 331 p. pl., col. fold. maps, diagr. (partly fold.) 27<sup>cm</sup>. Cairo, National printing co., 1902.

Agr 3-756

**Filhol, Henri.** Études sur les mammifères fossiles de Sansan . . . 2 p. l., 319 p. illus., xlvii pl. (2 double) 24½<sup>cm</sup>. Paris, G. Masson, 1891.

Agr 3-566



**Hatcher**, John Bell. . . . *Diplodocus* Marsh, its osteology, taxonomy, and probable habits, with a restoration of the skeleton . . . cover-title, 63 p. illus., xiii pl. (partly fold.) 33½<sup>cm</sup>. Pittsburgh, Pub. by the authority of the Board of trustees of the Carnegie institute, 1901. (Memoirs of the Carnegie museum, vol. 1. no. 1)

**Hatcher**, John Bell. *Oligocene canidae* . . . 65-108 p. illus., xiv-xx pl. 33½<sup>cm</sup>. [Pittsburgh, Carnegie institute, 1902] (Memoirs of the Carnegie museum. vol. 1. no. 2) Agr 3-641

**New Jersey**—*Geological survey*. . . . Annual report . . . for the year 1902. viii pl. incl. maps and diagr. (partly fold.) 23<sup>cm</sup>. Trenton, The J. L. Murphy pub. co., printers, 1903.

**New York** (*State*)—*Museum*. . . . Bulletin 56 . . . fold. maps, fold. tab. 23<sup>cm</sup>. Albany, University of the state of New York, 1902.

CONTENTS.—Description of the state geologic map of 1901; by Frederick J. H. Merrill.

**Royal society of South Australia**. *Memoirs* . . . v. II, pt. I. vii pl. 31<sup>cm</sup>. Adelaide, W. C. Rigby, 1902.

CONTENTS.—The cretaceous mollusca of South Australia and the northern territory. By Robert Etheridge, jr.

**Shufeldt**, Robert Wilson. The osteology of the steganopodes . . . 109-223 p. illus., xxi-xxx pl. 33½<sup>cm</sup>. [Pittsburgh, Carnegie institute, 1902] (Memoirs of the Carnegie museum. vol. 1. no. 3) Agr 3-639

**Société belge de géologie, de paléontologie et d'hydrologie** (*Bruxelles*). *Nouveaux mémoires* . . . fasc. n° 1, 1903 . . . x pl. (partly fold. and col.) 32<sup>cm</sup>. Bruxelles, Hayez, imprimeur des académies royales de Belgique, 1903.

"Bibliographie": last page.

CONTENTS.—Les causes d'erreur dans l'étude des empreintes végétales; par Ch. Bommer.

**Vermont**—*State geologist*. Report . . . on the mineral industries and geology of certain areas of Vermont, 3d of this ser., 1901-02. George H. Perkins, PH. D., state geologist . . . pl., port., maps. 23<sup>cm</sup>. Albany, N. Y., J. B. Lyon company, printers, 1902.

"List of reports on the geology of Vermont, 1845-1900": p. 14-19.

"List of publications on the geology of Vermont": p. 19-21.

**Victoria**—*Mines, Department of*—*Geological survey*. . . . Records . . . v. I., pt. 1. illus., pl., fold. plans (partly col.) 24½<sup>cm</sup>. Melbourne, R. S. Brain, government printer, 1902.

**Watson**, Thomas L. . . . A preliminary report on a part of the granites and gneisses of Georgia . . . 1 p. l., 367 p. front., xxxii pl., maps (partly fold. and col.) 25½<sup>cm</sup>. [Atlanta, G. W. Harrison, state printer] 1902. (Geological survey of Georgia. Bulletin no. 9, A)

## 21. BIOLOGY.

**Brooklyn institute of arts and sciences**—*Biological laboratory, Cold Spring Harbor, Long Island*. . . . Announcement for the summer of 1903, fourteenth season . . . illus. 23<sup>cm</sup>. [n. p., 1903]

**La Cellule**; recueil de cytologie et d'histologie générale . . . tome XIX, 2. fasc.; tome XX, 1. fasc. pl. (partly fold.) 29½<sup>cm</sup>. Liège, Typ. de J. Van In & c<sup>ie</sup>; [etc., etc.] 1902.

**Grasset**, Joseph. *Les limites de la biologie* . . . 2. éd. augm. d'une préface nouvelle. xxiii, 188 p. 19<sup>cm</sup>. Paris. F. Alcan, 1903. ([Bibliothèque de philosophie contemporaine])

2-28428

"Index bibliographique": p. [181]-186.

## 22. BOTANY.

The **American** botanical register. no. 1-2. 16 col. pl. 25<sup>cm</sup>. Washington, Thompson & Homans [n. d.]

Only 3 numbers published. "Supposed to have been issued between 1825 and 1830."—Scudder. Catalogue of scientific serials.

**Bailey**, William Whitman. Among Rhode Island wild flowers . . . 2d ed. xi, 105 p. front., plates. 18 x 10<sup>cm</sup>. Providence, R. I., Preston and Rounds, 1896.

Agr 3—851

**Baker**, Richard Thomas. . . . A research on the eucalypts, especially in regard to their essential oils. By Richard T. Baker . . . and Henry G. Smith . . . Pub. by authority of the government of the state of New South Wales. xi, 295 p. front., pl. 31<sup>cm</sup>. Sydney, W. A. Gullick, government printer, 1902.

Agr 3—697

At head of title: Technical education series, no. 13. Department of public instruction. Technical education branch . . . Technological museum, New South Wales.

**Bartholomew**, Elam. The Kansas uredineæ, by Elam Bartholomew, M. S., including some new species of miscellaneous Kansas fungi, by Ellis & Bartholomew . . . cover-title, 165-196 p. 23½<sup>cm</sup>. [Topeka, 1899]

Agr 3—638

Reprint from Trans. Kan. acad. sci., vol. xvi, 1897-98. Issued June, 1899.

**Batters**, Edward Arthur Lionel. A catalogue of the British marine algæ, being a list of all the species of seaweeds known to occur on the shores of the British islands, with the localities where they are found . . . Issued as a supplement to the "Journal of botany," 1902. 1 p. l., 107 p. 22<sup>cm</sup>. London, Printed by West, Newman & co., 1902. [With The Journal of botany. London. v. 40]

Agr 3—687

**Berg**, Otto Karl. Pharmazeutische botanik . . . 5. verb. Aufl. vi, [2], 458 p. 22½<sup>cm</sup>. Berlin, R. Gaertner, 1866.

Agr 3—647

**Bonnier**, Gaston. Cours de botanique; anatomie; physiologie; classification; applications agricoles, industrielles, médicales; morphologie expérimentale; géographie botanique; paléontologie; historique, par MM. Gaston Bonnier . . . Leclerc du Sablon . . . fasc. II (2<sup>e</sup> ptie.) tome 1. (Suite.) illus. 23<sup>cm</sup>. Paris, P. Dupont, 1902.

**Börgesen**, F. . . . The marine algæ of the Færøes. Reprinted from the "Botany of the Færøes," pt. II, Det nordiske forlag, Copenhagen . . . 1 p. l., [339]-532 p. illus., fold. map. 26<sup>cm</sup>. Copenhagen, Printed by H. H. Thiele, 1902.

Agr 3—735

**Braithwaite**, Robert. The sphagnaceæ or peat-mosses of Europe and North America . . . 4 p. l., 91, [58] p. xxix col pl. 26<sup>cm</sup>. London, Hardwicke & Bogue, 1878.

Agr 3—615

**Ceylon**—*Royal botanic gardens*. . . Report of the director, 1902. illus., diagr. 33½<sup>cm</sup>. [n. p., 1903]

**Cogniaux**, Alfred. Dictionnaire iconographique des orchidées; direction & rédaction par A. Cogniaux; dessins & aquarelles par A. Goossens. 6. sér., no. 3. col. pl. 14x18½<sup>cm</sup>. Bruxelles [1903]

— Chronique orchidéenne . . . supplément au Dictionnaire iconographique des orchidées. n° 48; mars 1903. 18<sup>cm</sup>. Bruxelles [1903]

**Darby**, John. A manual of botany, adapted to the productions of the southern states. In two parts: Part I.—Vegetable anatomy and physiology. Part II.—Descriptive botany, arranged on the natural system, preceded by an analysis . . . xii, [13]-156, xx, 344 p. illus. 19½<sup>cm</sup>. Macon, B. F. Griffin, 1841.

Agr 3—852

**Detmer**, Wilhelm. Das kleine pflanzenphysiologische praktikum. Anleitung zu pflanzenphysiologischen experimenten für studierende und lehrer der naturwissenschaften . . . xvi, 290 p. illus. 25½<sup>cm</sup>. Jena, G. Fischer, 1903.

Agr 3—657



**Durban botanic society.** . . . Report on Natal botanic gardens and Colonial herbarium, from January 1st to June 30th, 1901 . . . 21<sup>cm</sup>. [Durban, Bennett & Davis, printers, 1901.]

**Dyer, William Turner Thiselton-, ed.** Flora of tropical Africa . . . v. iv, pt. iii. 22½<sup>cm</sup>. London, L. Reeve & co., limited, 1903.

**Engler, Adolf, ed.** Das pflanzenreich. Regni vegetabilis conspectus . . . 12.-13. hft. (iv. 50, iv. 30) illus. 26<sup>cm</sup>. Leipzig, W. Engelmann, 1903.

CONTENTS.—IV. 50. Orchidaceæ-pleonandræ; von E. Pfitzer.—IV. 30. Eriocaulaceæ; von W. Ruhland.

**Engler, Adolf.** Syllabus der pflanzenfamilien; eine übersicht über das gesamte pflanzensystem, mit berücksichtigung der medicinal- und nutzpflanzen, nebst einer übersicht über die florenreiche und florengebiete der erde zum gebrauch bei vorlesungen und studien über specielle und medicinisch-pharmaceutische botanik . . . 3. umgearb. aufl. xxvi p., 1 l., 233 p. 24<sup>cm</sup>. Berlin, Gebrüder Borntraeger, 1903.

**Fischer, Alfred.** Untersuchungen über die parasiten der saprolegnieen . . . 1 p. l., 86, [1] p. 3 pl. 24<sup>cm</sup>. Berlin, Druck von G. Bernstein, 1882. Agr 3—635  
Habilitationsschrift—Leipzig.

**Fritsch, Karl.** Schedæ ad floram exsiccata austro-hungaricam; opus ab A. Kerner creatum, cura Musei botanici Universitatis vindobonensis editum. ix. 22<sup>cm</sup>. Vindobonæ, E typographia Cæsarea regia aulica et imperiali, 1902.

**Germain de Saint-Pierre, Ernest.** Nouveau dictionnaire de botanique, comprenant la description des familles naturelles, les propriétés médicales et les usages économiques des plantes, la morphologie et la biologie des végétaux (étude des organes et étude de la vie) . . . xvi, 1388 p. illus. 24½<sup>cm</sup>. Paris, J.-B. Baillière et fils; [etc., etc.] 1870. Agr 3—617

**Green, Frances H.** Analytical class-book of botany, designed for academies and private students. In two parts. Part i. Elements of vegetable structure and physiology. By Frances H. Green. Part ii. Systematic botany: illustrated by a compendious flora of the northern states. By Joseph W. Congdon. vi, 228 p. illus. 25½x20½<sup>cm</sup>. New York, London, D. Appleton and company, 1857. Agr 3—853

**Hansen, Adolf.** Die entwicklung der botanik seit Linné . . . 40 p. 28½<sup>cm</sup>. Giessen, v. Münchow'sche hof- u. universitäts-druckerei (O. Kindt) 1902. Agr 3—634  
Akademische festrede—Giessen.

**Hansgirg, Antonín.** Phyllobiologie; nebst übersicht der biologischen blatttypen von einundsechzig siphonogamen-familien . . . xiv, 486 p. illus. 25<sup>cm</sup>. Leipzig, Gebrüder Borntraeger, 1903. Agr 3—658

**Heurck, Henri van.** Flore médicale belge, par Henri van Heurck . . . & Victor Guibert . . . xii, 455, [1] p. 21<sup>cm</sup>. Louvain, C. J. Fonteyn; [etc., etc.] 1864. Agr 3—743

**Hooker, Sir William Jackson.** Genera filicum; or Illustrations of the ferns, and other allied genera; from the original coloured drawings of the late Francis Bauer . . . with additions and descriptive letterpress . . . vi p., 120 l., [8] p. cxx col. pl. 28½<sup>cm</sup>. London, H. G. Bohn, 1842. Agr 2—618

**Humboldt, Friedrich Heinrich Alexander von.** Essai sur la géographie des plantes; accompagné d'un tableau physique des régions équinoxiales, fondé sur des mesures exécutées, depuis le dixième degré de latitude boréale jusqu'au dixième degré de latitude australe, pendant les années 1799, 1800, 1801, 1802, et 1803. Par Al. de Humboldt et A. Bonpland. Rédigé par Al. de Humboldt. xii, [13]—155 p. tab. 33<sup>cm</sup>. Paris, Levrault, Schoell et compagne, 1805. Agr 3—619

**Jones, Marcus E.** Contributions to western botany. no. 11. 22½<sup>cm</sup>. Robinson, Utah, Mammoth record print, 1903.



The **Journal** of botany, British and foreign . . . v. I-VI. illus. 21½<sup>cm</sup>. London, L. Reeve and co., 1863-68.

Ed. by Berthold Seemann.

Vol. 1-5 pub. by R. Hardwicke.

**Karsten**, Georg, *ed.* . . . Vegetationsbilder; hrsg. von Dr. G. Karsten . . . Dr. H. Schenck . . . 1. hft. [12] p. 1-6 pl. 31½<sup>cm</sup>. Jena, G. Fischer, 1903.

CONTENTS.—H. Schenck, Vegetationsbilder aus Südbrazilien.

**Kerchove de Denterghem**, Oswald, *comte de.* . . . Les palmiers; histoire iconographique, géographie—paléontologie—botanique—description—culture—emploi, etc., avec index général des noms et synonymes des espèces connues . . . viii, 348 p. illus., 40 col. pl. 28<sup>cm</sup>. Paris, J. Rothschild, 1878. Agr 3—688

At head of title: Oswald de Kerchove de Denterghem.

**Köhler's** medizinal-pflanzen in naturgetreuen abbildungen mit kurz erläuterndem texte. Atlas zur pharmacopœa germanica, austriaca, belgica, danica, helvetica, hungarica, rossica, suecica, neerlandica, British pharmacopœia, zum Codex medicamentarius, sowie zur Pharmacopœia of the United States of America. Hrsg. von G. Papst . . . 3 v. 283 col. pl. 30½<sup>cm</sup>. Gera-Untermhaus, F. E. Köhler [1883-98] Agr 3—767

On t.-p. of v. II the name of the editor is given as G. Pabst.

Vol. III is *Ergänzungs-band*. Neueste medizinalpflanzen und verwechselungen . . . bearb. von Dr. Max Vogtherr . . . unter mitwirkung von Dr. M. Gürke . . .

**Kosteletzky**, Vincenz Franz. Allgemeine medizinisch-pharmazeutische flora, enthaltend die systematische aufzählung und beschreibung sämtlicher bis jetzt bekannt gewordenen gewächse aller welttheile in ihrer beziehung auf diätetik, therapie und pharmazie, nach den natürlichen familien des gewächsreiches geordnet . . . 6 v. 21½<sup>cm</sup>. Prag, Borrosch und André, 1831-36. Agr 3—607

Vol. 6 is "Register-band."

**Leavitt**, Robert Greenleaf. Outlines of botany for the high school laboratory and classroom (based on Gray's lessons in botany) . . . prepared at the request of the Botanical department of Harvard university. 272 p. illus. 21½<sup>cm</sup>. New York, Cincinnati [etc.] American book company [1901] 2—25

**Lemmon**, John Gill. Handbook of West-American cone-bearers . . . 4th (pocket) ed. . . xv, [2], 17-116 p. pl. 15<sup>cm</sup>. [Oakland, Cal.] 1900.

**Lindley**, John. Flora medica; a botanical account of all the more important plants used in medicine, in different parts of the world . . . xiii p., 1 l., 655, [1] p. 23<sup>cm</sup>. London, Longman, Orme, Brown, Green, and Longmans, 1838. Agr 3—620

**Lindley**, John. A synopsis of the British flora; arranged according to the natural orders: containing vasculares, or flowering plants . . . xii, 360 p., 1 l. 19½<sup>cm</sup>. London, Longman, Rees, Orme, Brown, and Green, 1829. Agr 3—854

**Linnæus**, Carl von. Caroli Linnæi Hortus uplandicus, med inledning och förklaringar af Th. M. Fries . . . 1 p. l., 38, xlviii p. 1 plan, 1 facsim. 25<sup>cm</sup>. [Upsala, Akademiska bokhandeln, C. J. Lundström, 1899] (Upsala universitets Årsskrift 1899. Program 1) Agr 3—765

Has facsimile of the original manuscript t.-p., reading: Caroli Linnæi M. B. & Z. C. S. R. Hortus Uplandicus. Sive Enumeratio Stirpium, quæ in variis Hortis Uplandiæ, imprimis autem in H. Botanico Publico Upsaliensi coluntur nec non qua' in agris faventur; Methodo propria [?] in classes distributa. Upsal: MDCCXXX.

**Linnæus**, Carl von. . . . Materia medica, liber I. de plantis. Secundum genera, loca, nomina, qualitates, vires, differentias, durationes, simplicia, modos, usus, synonyma, culturas, præparata, potentias, composita, digestus . . . 16 p. l., 252 p. front., 1 fold. pl. 20<sup>cm</sup>. Holmiæ, typis ac sumptibus L. Salvii, 1749.

**Lürssen**, Christian. Medicinisch-pharmaceutische botanik, zugleich als handbuch der systematischen botanik für botaniker, ärzte und apotheker . . . 2 v. in 3. illus. 23½<sup>cm</sup>. Leipzig, H. Haessel, 1879-82. Agr 3-744

Each vol. has added t.-p.: Handbuch der systematischen botanik mit besonderer berücksichtigung der arzneipflanzen.

CONTENTS:—I. bd. Kryptogamen.—II. bd. Phanerogamen.

**Macoun**, James Melville. . . . Contributions to Canadian botany . . . 211-223 p. 22<sup>cm</sup>. [Ottawa, 1903]

Reprinted without change in paging from the Ottawa naturalist . . . vol. xvi, (1903)

**Maiden**, Joseph Henry. A critical revision of the genus eucalyptus . . . pt. 1-2. 8 pl. 31<sup>cm</sup>. Sydney, W. A. Gullick, government printer, 1903.

"Works consulted": p. 20-24.

**Mariani**, Giuditta. . . . Intorno all' influenza dell' umidità sulla formazione e sullo sviluppo degli stomi nei cotiledoni. Ricerche di Giuditta Mariani. 32 p. 28½<sup>cm</sup>. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1902] Agr 3-689

"Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia, diretto da G. Briosi (Laboratorio crittogamico) [nuova ser. vol. viii]"

**Michelia**; commentarium mycologicum fungos in primis italicos illustrans, curante P. A. Saccardo. v. i-ii; 1 Jun. 1877-1 December 1882. 23½<sup>cm</sup>. Patavii, typis Seminarii, 1879-82. Agr 3-562

Published in 8 numbers.

No more published.

"Bibliografia della micologia italiana . . . per cura di P. A. Saccardo, O. Penzig, R. Pirota": v. ii (no. 7) p. 177-226.

**Moll**, Jan Wilhelm. . . . Observations sur la caryocinèse chez les spirogyra . . . 46 p. 2 pl. (1 fold.) 24<sup>cm</sup>. [Haarlem, 1894] Agr 3-636

Extrait des Archives néerlandaises, t. xxviii [p. 312-357]

**Montana**—*Agricultural experiment station*—*Botanical department*. Report . . . for 1902 . . . 21½<sup>cm</sup>. Bozeman, Bozeman chronicle, 1903.

**Müller**, Karl [A. E.] Medicinalflora. Eine einföhrung in die allgemeine und angewandte morphologie und systematik der pflanzen, mit besonderer rücksicht auf das selbststudium für pharmaceuten, mediciner und studirende . . . viii, [2], 582 p. illus. 23½<sup>cm</sup>. Berlin, J. Springer, 1890. Agr 3-768

**Nees von Esenbeck**, Theodor Friedrich Ludwig. Handbuch der medicinisch-pharmaceutischen botanik. Nach den natürlichen familien des gewächsreiches bearb. von Dr. Th. Fr. Ludw. Nees v. Esenbeck und Dr. Carl Heinrich Ebermaier . . . 3 v. 21½<sup>cm</sup>. Düsseldorf, Arnz & comp., 1830-32. Agr 3-745

v. 1-2 paged continuously.

**Nuovo giornale botanico italiano** . . . memorie della Società botanica italiana. [Mar. 1869-Oct. 1902] v. 1.—nuova ser., v. 9. illus. 24½-25<sup>cm</sup>. Firenze [Stabilimento Pellas (Cocchi e Chiti successori)] 1869-1902.

Vol. 1-19, 24-25, title reads: Nuovo giornale botanico italiano. Vol. 20-23, title reads: Nuovogiornale botanico italiano e bullettino della Società botanica italiana.

Vol. 4-25 ed. by Teodoro Caruel.

Vol. 25 contains index to v. 1-25, 1869-93.

**Penzig**, Otto. Beiträge zur kenntniss der gattung epirrhizanthes Bl. . . . [1], [142]-170 p. xx-xxvi pl. 25½<sup>cm</sup>. Leide, E. J. Brill, 1901. Agr 3-736

Extrait des Annales du Jardin botanique de Buitenzorg. 2e sér., vol. ii, p. 143-170.

**Penzig**, Otto. Diagnoses fungorum novorum in insula Java collectorum. ser. 3. 1 p. l., 60 p., 1 l. 24<sup>cm</sup>. Genuæ, Typ. A Ciminago, 1902.

At head of title: O. Penzig et P. A. Saccardo.

"Estratto dal Malpighia anno 1901."

**Penzig**, Otto. Die fortschritte der flora des Krakatau . . . [1], [92]-113 p. illus. 25½<sup>cm</sup>. Leide, E. J. Brill, 1902. Agr 3-737

Extrait des Annales du Jardin botanique de Buitenzorg. 2e série. vol. iii, pag. 92-113.



**Penzig, Otto.** Note di teratologia vegetale . . . 14 p., 1 l. 3 pl. (2 fold.) 24½<sup>cm</sup>.  
Genova, Tipografia A. Ciminago, 1902. Agr 3—738  
"Estratto dal Malpighia, anno XVI, vol. XVI."

**Penzig, Otto.** . . . Note sul genere mycosyrinx . . . 13 p. xix-xx pl. 24½<sup>cm</sup>.  
Genova, A. Ciminago, 1900. Agr 3—739  
"Estratto dalla Malpighia, anno XIII, vol. XIII, 1899."

**Penzig, Otto.** . . . Sopra una fasciazione singolare osservata nel cavolfiore . . .  
6 p. 1 pl. 24<sup>cm</sup>. Genova, A. Ciminago, 1900.  
"Estratto dalla Malpighia, anno XIII, vol. XIII, 1899."

**Pietermaritzburg botanic society.** Report of the council . . . for the year  
ending 31st December, 1901. 21½<sup>cm</sup>. [Pietermaritzburg, 1902]

**Poiret, Jean Louis Marie.** Flore médicale. Partie élémentaire, par J. L. M.  
Poiret . . . Iconographie végétale, par P. J. F. Turpin. 3 v. in 2. 66 pl. (2 fold.,  
64 col.) 20½<sup>cm</sup>. Paris, C. L. F. Panckoucke, 1819-20. (Chaumeton, F. P., Poiret,  
J. L. M., and Tyrbas de Chamberet, J. B. J. A. C. Flore médicale. v. 7)  
Vol. 3 has title: Essai d'une iconographie élémentaire et philosophique des végétaux, avec un  
texte explicatif, par P. J. F. Turpin.

Same as Poiret, J. L. M. Leçons de flore? See Pritzel. Thesaurus literaturae botanicae. no. 7234.

**Reess, Max.** . . . Über den parasitismus von elaphomyces granulatus . . . 5 p.  
21½<sup>cm</sup>. [Erlangen, Druck von E. T. Jacob, 1880] Agr 3—663  
Aus den Sitzungsberichten der Physikalisch-medicinischen societät zu Erlangen. Sitzung vom 10.  
mai 1880.

**Reichenbach, Heinrich Gustav.** Icones floræ germanicæ et helveticæ, simul  
terrarum adjacentium ergo mediae Europæ. Opus auctoribus L. Reichenbach et  
H. G. Reichenbach fil. conditum, nunc continuatum, auctore Dr<sup>e</sup> G. equite Beck  
de Mannagetta. v. 22, decas 32/33. 29½<sup>cm</sup>. Lipsiæ et Geræ, sumptibus F. de Zez-  
schwitz, 1903.  
Completes v. 22.

**Rostock, Richard.** Über aufnahme und leitung des wassers in der laubmoos-  
pflanze . . . 28 p. 22½<sup>cm</sup>. Erfurt, Ohlenroth'sche buchdruckerei, 1902. Agr 3—612  
Inaug.-dis.—Jena.

[**Schinz, Hans**] Führer durch den Botanischen garten der Universität Zürich  
. . . 28 p. 22½<sup>cm</sup>. Zürich, Art. institut O. Füssli, 1902. Agr 3—633  
Separatabdruck aus der "Schweiz. pädag. zeitschrift", hft. III, jahrg. 1902.

**Schinz, Hans.** Versuch einer monographischen übersicht der gattung sebaea  
R. Br. 1. Die sektion eusebaea Griseb. . . . 55 p. 26<sup>cm</sup>. [Lübeck, 1903]  
Aus den Mitteilungen der Geographischen gesellschaft in Lübeck. Hft. 17, 1903.

**Schleiden, Matthias Jakob.** Handbuch der medicinisch-pharmaceutischen bota-  
nik und botanischen pharmacognosie . . . 2 v. illus. 23<sup>cm</sup>. Leipzig, W. Engel-  
mann, 1852-57. Agr 3—746

Each v. has added t.-p.: 1. th. Handbuch der medicinisch-pharmaceutischen botanik zum  
gebrauch bei vorlesungen und zum selbststudium; 2. th. Handbuch der botanischen pharmacognosie  
für aerzte, apotheker und botaniker zum gebrauch bei vorlesungen und zum selbststudium.

**Schuchardt, —.** Ueber functionelle anpassung krankheitserregender pilze.  
Vortrag, gehalten im Physiologischen verein zu Breslau am 13. december, von Dr.  
Schuchardt. 11 p. 22<sup>cm</sup>. [Breslau, Druck von Grass, Barth & comp. (W. Fried-  
rich) 1880] Agr 3—661

Separat-abdruck aus der Breslauer ärztlichen zeitschrift. no. 24.—Sonnabend, den 25. december  
1880.

**Schumann, Karl.** Blühende kakteen (iconographia cactacearum), im auftrage  
der Deutschen kakteen-gesellschaft . . . lfg. 9. 33-36 col. pl. 33½<sup>cm</sup>. Neudamm,  
J. Neumann [1903]



**Schwan, Otto.** Über das vorkommen von wurzelbakterien in abnorm verdickten wurzeln von *phaseolus multiflorus* . . . 35, [2] p. 1 pl., tab. 22<sup>cm</sup>. Erlangen, Kgl. Bayer. hofbuchdruckerei von A. Vollrath, 1898. Agr 3—662

Inaug.-dis.—Erlangen.

"Litteratur-angabe": 1st p. at end.

**Seemen, Otto von.** *Salices japonicae* . . . vii, 83 p. xviii pl. 29½<sup>cm</sup>. Leipzig, Gebrüder Borntraeger, 1903. Agr 3—659

"Litteratur": p. 1-2.

**Smith, John Donnell.** *Enumeratio plantarum guatemalensium necnon salvadorensium, hondurensium, nicaraguensium, costaricensium* . . . pars vi. 24<sup>cm</sup>. Quawkwæ, Ill., H. N. Patterson, 1903.

**Spotton, Henry B.** . . . The commonly occurring wild plants of Canada, and more especially of the Province of Ontario. A flora for the use of beginners . . . Rev. ed. xxiv, 198 p. 19<sup>cm</sup>. Toronto, W. J. Gage & company [1889] (W. J. Gage & co.'s educational series) Agr 3—855

Bound with his *The elements of structural botany*. Rev. ed. [1889]

**Spotton, Henry B.** . . . The elements of structural botany with special reference to the study of Canadian plants . . . Rev. ed. . . . viii, 237 p. illus. 19<sup>cm</sup>. Toronto, W. J. Gage & company [1889] (W. J. Gage & co.'s educational series)

Cover-title: High school botany.

Agr 3—856

**Straits settlements—Botanic gardens.** . . . Annual report . . . for the year 1902 . . . 33<sup>cm</sup>. Singapore, Printed at the government printing office, 1903.

**Sweet, Robert.** *Cistineæ*. The natural order of cistus, or rock-rose; illustrated by coloured figures & descriptions of all the distinct species, and the most prominent varieties, that could be at present procured in the gardens of Great Britain; with the best directions for their cultivation and propagation . . . xx, [227] p. 112 col. pl. 26½<sup>cm</sup>. London, J. Ridgway, 1825-30. Agr 3—621

**Sydow, Paul.** *Monographia uredinearum seu Specierum omnium ad hunc usque diem descriptio et adumbratio systematica; auctoribus P. et H. Sydow*. v. 1, fasc. II-III. illus., pl. 25<sup>cm</sup>. Lipsiæ, Fratres Borntraeger, 1902-03.

CONTENTS.—Genus *puccinia*.

**Tissière, Pierre Germain.** *Guide du botaniste sur le Grand St-Bernard* . . . xviii, [19]—117 p. front. 19½<sup>cm</sup>. Aigle, Impr. Dulex-Ansermoz, 1868. [Bulletin de La Murithienne; société valaisanne des sciences naturelles, Sion, Valais, Suisse. Fasc. 1] Agr 3—741

**Tokyo. Imperial university—College of science.** *Icones floræ japonicæ* . . . v. 1, pt. 2. pl. 47½<sup>cm</sup>. Tōkyō, Pub. by the University, 1902.

**Tuckerman, Edward.** A synopsis of the lichenes of New England, the other northern states, and British America . . . v, [3]—93 p. 24<sup>cm</sup>. Cambridge [Mass.] G. Nichols, 1848. Agr 3—622

**Victoria, Kamerun. Botanischer garten.** Jahresbericht . . . für das jahr 1901/02 . . . 32<sup>cm</sup>. [Berlin, Gedruckt bei J. Sittenfeld, 1903?]

**Vries, Hugo de.** Die mutationstheorie. Versuche und beobachtungen über die entstehung der arten im pflanzenreich . . . 2. bd. Die bastardirung. 2.-3. lfg. illus. 24½<sup>cm</sup>. Leipzig, Veit & comp., 1903.

Completes the work.

"Litteratur": p. [715]—717.

**Wildeman, Émile de.** . . . Études sur la flore du Katanga . . . fasc. III. xxix—xlvi pl. 40<sup>cm</sup>. Bruxelles, Spineux et c<sup>o</sup>, 1903. (Annales du Musée du Congo. Botanique. sér. 4)

**Willdenow, Karl Ludwig.** Grundriss der kräuterkunde zu vorlesungen . . . 3. verb. und verm. Aufl. . . . iv, 644 p. xi pl. (1 col.) 17½<sup>cm</sup>. Berlin, Bei Haude und Spener, 1802. Agr 3—742

**Winkler, Eduard, comp.** Vollständiges real-lexikon der medicinisch-pharmaceutischen naturgeschichte und rohwaarenkunde. Enthaltend: erklärungen und nachweisungen über alle gegenstände der naturreiche, welche bis auf die neuesten zeiten in medicinisch-pharmaceutischer, toxikologischer und diätetischer hinsicht bemerkenswerth geworden sind . . . 2 v. 22<sup>cm</sup>. Leipzig, F. A. Brockhaus, 1840-42.

Agr 3—749

**Wood, Alphonso.** . . . The new American botanist and florist; including lessons in the structure, life, and growth of plants together with a simple analytical flora descriptive of the native and cultivated plants growing in the Atlantic division of the American Union . . . Rev. and ed. by Oliver R. Willis . . . vi, 220, [15]—449 p. illus. 21<sup>cm</sup>. New York and Chicago, A. S. Barnes & company, 1889.

At head of title: Revised edition.

**Zürich—Universität.** Der Botanische garten und das Botanische museum der Universität Zürich im jahre 1902. 22<sup>cm</sup>. Zürich, Buchdruckerei des Schweiz. Grütlivereins, 1903.

### 23. ZOOLOGY.

**Brandt, Karl Andreas Heinrich.** Über actinosphaerium eichhornii . . . 54, [2] p. 21½<sup>cm</sup>. Halle a. S., 1877.

Agr 3—660

Inaug.-dis.—Halle-Wittenberg.

**Davenport, Charles Benedict.** . . . The animal ecology of the Cold Spring sand spit, with remarks on the theory of adaptation . . . 22 p. incl. illus., map. 28½<sup>cm</sup>. Chicago, The University of Chicago press, 1903.

3—4190

Printed from v. 10 (p. 157-176) of the Decennial publications of the University of Chicago.

"Literature cited": p. 21-22.

**Dionne, Charles E.** Les mammifères de la province de Québec . . . vii, 285 p., 1 l. illus. 19½<sup>cm</sup>. Québec, Dussault & Proulx, imprimeurs, 1902.

Agr 3—850

**Geoffroy Saint-Hilaire, Étienne.** Histoire naturelle des mammifères, avec des figures originales, coloriées, dessinées d'après des animaux vivans; publiée sous l'autorité de l'administration du Muséum d'histoire naturelle, par M. Geoffroy Saint-Hilaire . . . et par M. Frédéric Cuvier . . . 4 v. 431 col. pl. 53½<sup>cm</sup>. Paris, A. Belin, 1824-47.

Agr 3—734

Dates of publication: v. 1, 1824; v. 2, 1824; v. 3, 1847; v. 4, n. d.

Publishers: v. 3, Blaise; v. 4, Belin-Leprieur.

**Hamburg, Zoologische gesellschaft in.** Einundvierzigster bericht des vorstandes . . . über das geschäftsjahr 1902. 21½<sup>cm</sup>. [Hamburg] Druck von Ackermann & Wulff nachf. [1902]

**Henshaw, H. W.** Birds of the Hawaiian Islands; being a complete list of the birds of the Hawaiian possessions, with notes on their habits . . . 146, [2] p. pl. 22<sup>cm</sup>. Honolulu, H. I., T. G. Thrum, 1902.

2—29244

**Hertwig, Oskar, ed.** Handbuch der vergleichenden und experimentellen entwickelungslehre der wirbeltiere . . . 10.-13. lfg. illus. 25½<sup>cm</sup>. Jena, G. Fischer, 1903.

Die geschlechtszellen. "Litteraturverzeichnis": p. 431-474.

**Johns Hopkins university—Biological laboratory.** Memoirs . . . iv, 3. v pl. 30½<sup>cm</sup>. Baltimore, The Johns Hopkins press, 1899.

"Literature cited": p. 33.

CONTENTS.—Yoldia limatula; by Gilman A. Drew.

**Linnæan society of New York.** Transactions of the Linnæan society of New York . . . v. 1-2. fronts. (1 port.) 28½<sup>cm</sup>. New York, Press of L. S. Foster, 1882-84.

Agr 3—679

No more published.

**London, Linnean society of.** The transactions . . . second series; zoology. v. I-VIII, pt. 10. illus., pl. (partly fold. and col.) fold. maps. 30-30½<sup>cm</sup>. London, Printed by Taylor and Francis, 1879-1903.



**Newfoundland**—*Marine and fisheries, Department of.* Annual report of the Newfoundland Department of fisheries: for the year 1902. tab. 21½<sup>cm</sup>. St. John's, Devine and O'Mara, printers, 1903.

**North, Alfred J.** . . . Descriptive catalogue of the nests & eggs of birds found breeding in Australia and Tasmania, by A. J. North . . . vii, 379, v, [1], 380–416 p., 1 l., [2] p., 20 l. xxi pl. 24<sup>cm</sup>. Sydney, F. W. White, general printer, 1889. (Australian museum, Sydney. Catalogue no. 12) Agr 3—696

**North, Alfred J.** . . . Nests and eggs of birds found breeding in Australia and Tasmania . . . pt. iii. 3 pl. 32<sup>cm</sup>. Sydney, F. W. White, printer, 1903. (Australian museum, Sydney. Special catalogue, no. 1)

2d ed. of his Descriptive catalogue of the nests & eggs of birds found breeding in Australia and Tasmania. 1889. Pub. as Catalogue no. 12 of Australian museum, Sydney.

**Ontario (Province)**—*Fisheries, Department of.* Fourth annual report . . . 1902 . . . pl., tab. 24½<sup>cm</sup>. Toronto, L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

**Ontario (Province)**—*Game commission.* Report . . . for the year 1902 . . . tab. 24½<sup>cm</sup>. Toronto, L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

**Philadelphia, Zoological society of.** The thirty-first annual report of the Board of directors . . . Read at the annual meeting of the members and loan-holders of the society, April 23d, 1903. 23½<sup>cm</sup>. Philadelphia, Press of Allen, Lane & Scott, 1903.

**Ramsay, Edward Pierson.** Catalogue of the Australian birds in the Australian museum, Sydney. N. S. W. pt. iv. 25<sup>cm</sup>. Sydney, Printed by order of the trustees, 1894. ([Australian museum, Sydney. Catalogue no. 4])

CONTENTS.—Picariæ. Suborder halcyones.

**Selby, Prideaux John.** Illustrations of British ornithology . . . [Ed. 2] 2 v. 23½<sup>cm</sup>. Edinburgh, W. H. Lizars; [etc., etc.] 1833.

Letterpress only: plates wanting.

CONTENTS.—v. 1. Land birds.—v. 2. Water birds.

**Waterhouse, Charles Owen, comp.** Index zoologicus; an alphabetical list of names of genera and subgenera proposed for use in zoology as recorded in the "Zoological record" 1880–1900, together with other names not included in the "Nomenclator zoologicus" of S. H. Scudder; comp. (for the Zoological society of London) by Charles Owen Waterhouse and ed. by David Sharp . . . xii, 420, 1 p. 22<sup>cm</sup>. London, Printed for the Society, 1902. 3—14032

**Wilson, Scott Barchard.** Aves hawaiienses: the birds of the Sandwich Islands. By Scott B. Wilson . . . assisted by A. H. Evans . . . xxv p., 1 l., 257 p. front. (map) pl. (partly col.) 33<sup>cm</sup>. London, R. H. Porter, 1890–99. Agr 3—678

Paging irregular: no. iii<sup>a</sup>, iii<sup>b</sup>, iii<sup>c</sup>, [iii<sup>d</sup>] iii<sup>e</sup> inserted. Pages 1–250 are not numbered consecutively, each article having separate paging, but the index is numbered [251]–257 and the table of contents and index refer to text as if consecutively paged.

Appeared in 8 parts.

## 24. ENTOMOLOGY.

**Benton, Frank.** La cria de las abejas . . . 59 p. pl. 22½<sup>cm</sup>. México, Oficina tip. de la secretaría de fomento, 1898. (Biblioteca agrícola de la Secretaría de fomento) Agr 3—597

Translation of Farmers' bulletin no. 59 of U. S. Department of agriculture: Bee keeping.

**Berlese, Antonio.** . . . Acari, myriopoda et scorpiones hucusque in Italia reperta. Acari miriapodi e scorpioni italiani; opera sussidiata dal R. Ministero della pubblica istruzione dietro il parere del Consiglio superiore. fasc. xciii–xcvi. 38 pl. 24<sup>cm</sup>. Padova, Tipografia Fratelli Salmin, 1902.

**Cameron, Peter.** . . . Descriptions of new genera and species of hymenoptera from India . . . [pt. 1–3] 23<sup>cm</sup>. [n. p.] 1902–03.

Aus der "Zeitschrift für hymenopterologie und dipterologie." hft. 6, 1902. hft. 1, 3, 1903.



**Cameron, Peter.** . . . On some new genera and species of parasitic and fossorial hymenoptera from the Khasia Hills, Assam . . . [173]—185, [313]—331 p. 22<sup>cm</sup>. [n. p., 1903] Agr 3—599

From the Annals and magazine of natural history, ser. 7, vol. xi, February—March, 1903.

**Cincinnati society of natural history.** The journal . . . v. xx, no. 3. 24<sup>cm</sup>. [Cincinnati] 1902.

CONTENTS.—Charles Drury. A revised list of the coleoptera observed near Cincinnati, Ohio, with notes on localities, bibliographical references and description of six new species.

**Colorado—Agricultural experiment station—Entomologist.** Report . . . [1902] pl. 23<sup>cm</sup>. Denver, The Smith-Brooks printing company, state printers, 1903.

Excerpt from the Fifteenth annual report.

**Everts, Jonkheer** Eduard J. G. Coleoptera Neerlandica, de schildvleugelige insecten van Nederland en het aangrenzend gebied . . . 2. deel . . . 2. gedeelte. viii pl. 27½<sup>cm</sup>. 's-Gravenhage, M. Nijhoff, 1903.

"Overzicht der belangrijkste werken over coleoptera betrekking hebbende op de studie der Nederlandsche fauna": p. [776]—790.

**Felt, Ephraim Porter.** . . . Entomology . . . cover-title, 12 p. 12½<sup>cm</sup>. [Albany, N. Y.] 1902. (University of the state of New York. Handbook 16)

**Indian museum, Calcutta.** . . . Notes . . . v. v, no. 3. vii—xx pl. 26<sup>cm</sup>. Calcutta, Office of the superintendent of government printing, 1903.

**Lawrence, L. I.—Board of health.** Mosquito extermination in practice. Report of experiments by the Board of health of Lawrence, Long Island. 42 p. fold. col. map. 26<sup>cm</sup>. [New York, Press of L. H. Biglow & company, 1902] Agr 3—601

**Lefroy, H. Maxwell.** . . . The scale insects of the Lesser Antilles. pt. ii. illus. 18<sup>cm</sup>. [Barbados, Commissioner of agriculture] 1903. (Imperial department of agriculture for the West Indies. Pamphlet series, no. 22)

**New Jersey—Agricultural college experiment station—Entomological department.** Report . . . for the year 1893. il. 23<sup>cm</sup>. Trenton, The J. L. Murphy publishing company, printers, 1894.

**New York (State)—Museum.** . . . Bulletin 59—60. pl. (partly col.) 23<sup>cm</sup>. Albany, University of the state of New York, 1902—03.

CONTENTS.—59. Grapevine root worm, by Ephraim Porter Felt.—60. Catalogue of the fishes of New York, by Tarleton H. Bean.

"Bibliography [grapevine root worm]": 59, p. 78—80.

**Ontario—San José scale, Inspector of.** Report . . . 1902 . . . 24½<sup>cm</sup>. Toronto, Printed by L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

Published by the Ontario Department of agriculture, Toronto.

**Surface, Harvey Adam.** . . . Insects injurious to cucurbitaceous plants . . . 30 p. pl. 23½<sup>cm</sup>. [Harrisburg] W. S. Ray, state printer, 1902. (Commonwealth of Pennsylvania. Department of agriculture. Bulletin no. 96) Agr 3—602

**Wytzman, P., ed.** Genera insectorum . . . 10.—12. fasc. pl. (partly col.) 32½<sup>cm</sup>. Bruxelles, 1902—03.

CONTENTS.—10. fasc. Hymenoptera, fam. cynipidæ, par. N. von Dalla Torre et J. J. Kieffer (2. fasc.)—11. fasc. Hymenoptera, fam. mutillidæ; par Ernest André.—12. fasc. Coleoptera serricornia, fam. buprestidæ, par. Ch. Kerremans (1. ptie.)

## 25. WORMS AND PARASITES.

**Bock, Max von.** Ueber die knospung von chaetogaster diaphanus Gruith . . . 1 p. l., 42, [1] p. 22<sup>cm</sup>. Jena, G. Fischer, 1897. Agr 3—669

Inaug.-dis.—München.

"Verzeichnis der in vorstehender arbeit citierten litteratur": p. at end.

**Braun, Maximilian.** Die thierischen parasiten des menschen. Ein handbuch für studirende und aerzte . . . 3. verm. und verb. aufl. xii, 360 p. illus. 24<sup>cm</sup>. Würzburg, C. Kabitzsch, 1903. Agr 3—598

- Bretscher, Konrad.** . . . Beitrag zur kenntnis der oligochaetenfauna der Schweiz . . . 1 p. l., [369]—426 p. illus. 24½<sup>cm</sup>. Genève, Impr. W. Kündig & fils, 1899.  
Inaug.-dis.—Zürich. Agr 3—667  
"Extrait de la Revue suisse de zoologie, t. 6, 1899."  
"Literaturverzeichnis": p. 423—426.
- Cori, Isidor.** Beitrag zur anatomie der phoronis . . . 48 p. 24<sup>cm</sup>. Prag, Druck von H. Mercy, 1889. Agr 3—668  
Inaug.-dis.—Leipzig.  
"Literatur": p. 5—18.
- Kükenthal, Willy.** Ueber das nervensystem der opheliaceen . . . 1 p. l., 64 p. 22½<sup>cm</sup>. Jena, G. Fischer, 1887. Agr 3—665  
Habilitationsschrift—Jena.  
"Litteraturverzeichnis": p. 60—64.
- Kükenthal, Willy.** Ueber die lymphoiden zellen der anneliden . . . [319]—364 p. 2 pl. (1 fold.) 22½<sup>cm</sup>. [Jena, 1885] Agr 3—682  
From Jenaische zeitschrift für naturwissenschaft. v. 18.
- Lehmann, Otto.** Beiträge zur frage von der homologie der segmentalorgane und ausführgänge der geschlechtsproducte bei den oligochaeten . . . 1 p. l., 39 p. 1 fold. pl. 22½<sup>cm</sup>. Jena, G. Fischer, 1887. Agr 3—680  
Inaug.-dis.—Jena.  
"Litteraturverzeichnis": p. 34—37.
- Mau, Wilhelm August Dietrich.** Über scoloplos armeriger O. F. Müller. Beitrag zur kenntnis der anatomie und histologie der anneliden . . . 46, [1] p. 2 fold. pl. 22½<sup>cm</sup>. Leipzig, W. Engelmann, 1881. Agr 3—664  
Inaug.-dis.—Kiel.  
"Litteratur": p. 5—6.  
"Separat-abdruck aus: Zeitschrift für wiss. zoologie. xxxvi. band."
- Michaelsen, Johann Wilhelm.** . . . Untersuchungen über enchytraeus möbii Mich. und andere enchytraeiden. 50, [2] p. 3 pl. 22½<sup>cm</sup>. Kiel, Lipsius & Tischer, 1886. Agr 3—759  
Inaug.-dis.—Kiel.  
At head of title: Aus dem Zoologischen institut zu Kiel.
- Nägeli, Heinrich.** Beiträge zur entwicklungsgeschichte der räderthiere . . . 31 p. 2 pl. 22<sup>cm</sup>. Zürich, Druck von E. Kiesling, 1852. Agr 3—760  
Inaug.-dis.—Zürich.
- Neuland, Friedrich Wilhelm Georg Carl.** Ein beitrag zur kenntniss der histologie und physiologie der generationsorgane des regenwurmes . . . 24, [2] p. 1 fold. pl. 21<sup>cm</sup>. Bonn, Universitäts-buchdruckerei von C. Georgi, 1886. Agr 3—758  
Inaug.-dis.—Bonn.
- Rabes, Otto.** Transplantationsversuche an lumbriciden. Histologie und physiologie der transplantationen . . . 27, [1] p. 23<sup>cm</sup>. Marburg, 1901. Agr 3—648  
Inaug.-dis.—Marburg.  
"Erster theil einer arbeit über transplantationsversuche an lumbriciden, die im 'Archiv für entwickelungsmechanik der organismen.' bd. XIII. 1901, erscheinen wird."
- Rievel, Heinrich.** Die regeneration des vorderdarmes und enddarmes bei einigen anneliden . . . 57, [1] p. illus., 3 fold. pl. 22½<sup>cm</sup>. Marburg, 1896. Agr 3—677  
Inaug.-dis.—Marburg.  
"Litteraturverzeichnis": p. 51—55. "Litteratur" at beginning of each chapter.  
Separat-abdruck aus: "Zeitschrift für wissensch. zoologie." LXII. bd., 2. heft.
- Rohde, Emil.** Die muskulatur der chaetopoden . . . 2 p. l., 34, [1] p. pl. 23½<sup>cm</sup>. Breslau, Druck von R. Nischkowsky, 1885. Agr 3—676  
Plates wanting.  
Habilitationsschrift—Breslau.
- Schack, Friedrich.** . . . Anatomisch-histologische untersuchung von nephthys coeca Fabricius. Ein beitrag zur kenntnis der fauna der Kieler bucht . . . 38, [2] p. 1 fold. pl. 22½<sup>cm</sup>. Kiel, Lipsius & Tischer, 1886. Agr 3—674  
At head of title: Aus dem Zoologischen institut zu Kiel.  
"Litteratur und synonyma": p. 7—9.



**Schröder, Karl Emil Georg.** . . . Anatomisch-histologische untersuchung von nereis diversicolor, O. Fr. Müll. . . . 1 p. l., 41, [2] p. 1 fold. pl. 22½<sup>cm</sup>. Bathe-  
now, C. Köppel, 1886. Agr 3—675

Inaug.-dis.—Kiel.

At head of title: Aus dem Zoologischen institut zu Kiel.

**Silliman, Wyllis A.** Beobachtungen über die süßwasserturbellarien Nord-  
America's . . . 47 p. 2 pl. 22<sup>cm</sup>. Würzburg, Becker's universitäts-buchdruckerei,  
1884. Agr 3—681

Plates wanting.

Inaug.-dis.—Würzburg.

**Steen, Asmus Johannes.** Anatomisch-histologische untersuchung von terebelli-  
des stroemii M. Sars . . . 3 p. l., 52, [2] p. 3 fold. pl. 22½<sup>cm</sup>. Jena, G. Fischer,  
1883. Agr 3—666

Inaug.-dis.—Kiel.

"Litteratur": p. 2-3.

## 26. USEFUL ARTS.

**Buenos Aires (Province)**—*Estadística, Dirección general de.* . . . La industria  
harinera en la Provincia; memoria presentada al excmo. sr. ministro de gobierno,  
Dr. D. Enrique S. Quintana . . . 36, xxv p. incl. 1 pl., tab. 30½<sup>cm</sup>. La Plata,  
Talleres de publicaciones del Museo, 1895. Agr 3—751

**Leduc, E.** . . . Chaux et ciments . . . viii, 484 p. illus., tab. 18<sup>cm</sup>. Paris,  
J.-B. Bailliére et fils, 1902. (*Half-title*: Encyclopédie industrielle) Agr 3—670

**Shoe and leather reporter.** Annual for 1903. 25½<sup>cm</sup>. Boston, Mass., Offices  
of the Shoe & leather reporter, n. d.

## 27. SOCIOLOGY.

**Acland, Arthur Herbert Dyke.** Working men co-operators: what they have done  
and what they are doing. An account of the artisans' co-operative movement in  
Great Britain, with information how to promote it. By Arthur H. Dyke Acland . . .  
and Benjamin Jones . . . viii, [9]—136 p. incl. front. (map) 17½<sup>cm</sup>. London, New  
York [etc.] Cassell & company, limited, 1884. Agr 3—649

**Barnard, Charles.** Co-operation as a business . . . vi, 234 p. 17½<sup>cm</sup>. New  
York, G. P. Putnam's sons, 1881. Agr 3—650

**Co-operative wholesale societies limited.** . . . Annual for 1903. pl., maps,  
tab., diagr. 21½<sup>cm</sup>. Manchester [Eng.] The co-operative wholesale society limited;  
[etc., etc.] [1903?]

**Dammer, Otto, ed.** Handbuch der arbeiterwohlfaht . . . lfg. 2-7 ([bd.] I.,  
bogen 11—[bd] II., bogen 20) illus. 25<sup>cm</sup>. Stuttgart, F. Enke, 1902-03.

**Gonelle, Jean.** . . . De l'indemnité de plus-value au fermier sortant . . . 134 p.,  
1 l. 23<sup>cm</sup>. Rennes, É. Quinquenel, imprimeur, 1900. Agr 3—623

At head of title: Faculté de droit de Rennes.

**Leschevin de Prévoisin, Robert.** L'institution du bien de famille au point de  
vue agricole . . . 2 p. l., 140 p. 25<sup>cm</sup>. Paris, A. Rousseau, 1899. Agr 3—624

"Notice bibliographique": p. [1]

**Ontario—Labor, Bureau of.** Third report . . . for the year ending December  
31st, 1902 . . . tab. 24½<sup>cm</sup>. Toronto, L. K. Cameron, printer to the King's Most  
Excellent Majesty, 1903.

**Snellman, G. R.** . . . Undersökning af tobaksindustrin i Finland. På uppdrag  
af Industristyrelsen och under dess öfverinseende värkställd . . . xiii, 214, 116, 48\* p.  
incl. tab. fold. diagr. 26<sup>cm</sup>. Helsingfors, Kejserliga senatens tryckeri, 1903.  
(Arbetsstatistik. I) Agr 3—764



## 28. STATISTICS AND COMMERCE.

**Alabama**—*Archives and history, Department of*. . . Alabama official and statistical register, 1903; comp. by Thomas M. Owen, director. tab. 25<sup>cm</sup>. Montgomery, Ala., Brown printing co., printers and binders, 1903.

**Arkansas**—*Auditor of state*. . . Biennial report . . . for 1901-1902. 23<sup>cm</sup>. Hot Springs, Ark., Sentinel-Record print [1902]

**Austria**—*K. K. Handelsministerium—Statistisches departement*. Statistik des auswärtigen handels des österreichisch-ungarischen zollgebiets im jahre 1902 . . . bd. II-III. tab. 26½<sup>cm</sup>. Wien, Druck und verlag der Kaiserlich-königlichen hof- und staatsdruckerei, 1903.

CONTENTS.—bd. II. Special-handel.—bd. III. Vormerkverkehr-Durchfuhr.

**Austria**—*K. K. Statistische central-commission*. . . Oesterreichische statistik . . . LIX. bd., 2. hft., 2. abth., LXVII. bd., 2. hft. tab. 35½<sup>cm</sup>. Wien, K. K. Hof- und staatsdruckerei, 1903.

CONTENTS.—LIX. bd., 2. hft. Statistik des verkehrs . . . 1898 und 1899. 2. abth. Seeschiffahrt und seehandel, eisenbahnen, posten, telegraphen und telephone, aussenhandel und handel zwischen Österreich und Ungarn.—LXVII. bd., 2. hft. Statistik der sparkassen . . . 1900.

**Baltimore**—*Commerce, Chamber of*. 48th annual report . . . for the year ending December 31, 1902 . . . 23½<sup>cm</sup>. Baltimore, Fleet-McGinley co., 1903.

**Belgium**—*Chemins de fer, postes et télégraphes, Ministère des*. . . Chemins de fer, postes, télégraphes, téléphones et marine; compte rendu des opérations pendant l'année 1901 . . . fold. map, tab. (partly fold.) 31½<sup>cm</sup>. Bruxelles, J. Goemaere, imprimeur du roi, 1902.

**California**—*Equalization, State board of*. Report . . . for 1899-1902 . . . 22½<sup>cm</sup>. Sacramento, W. W. Shannon, superintendent state printing, 1903.

**California**—*Labor statistics, Bureau of*. Tenth biennial report . . . for the years 1901-1902. tab. 22½<sup>cm</sup>. Sacramento, A. J. Johnson, superintendent state printing, 1902.

**California**—*Trade, State board of*. Annual report . . . upon the industrial resources of the state of California for 1902, by Gen. N. P. Chipman . . . Submitted March 10, 1903 . . . 26<sup>cm</sup>. San Francisco, Cal., California state board of trade [1903]

**California**—*Trade, State board of*. Annual report . . . upon the industrial resources of the state of California for 1902 . . . illus., maps (partly fold.) tab. (partly fold.) 25½<sup>cm</sup>. San Francisco, California state board of trade [1903]

**Canada**—*Agriculture, Department of*. The statistical year-book of Canada for 1901-1902. v. 17-18. 21½<sup>cm</sup>. Ottawa, Government printing bureau, 1902.

**Coghlan, T. A., comp.** A statistical account of the seven colonies of Australasia, 1901-1902 . . . ninth issue. front. (fold. map) tab. 22½<sup>cm</sup>. Sydney, W. A. Gullick, government printer, 1902.

Published by authority of the government of the state of New South Wales and of the commonwealth of Australia.

**Colescu, L.** . . . Statistica animalelor domestice din Romania, precedată de o introducere cu explicațiuni și date retrospective . . . 10\* p., 1 l., lxxxii, 175 p. incl. tab. iv fold. col. maps, 2 fold. col. diagr. 32<sup>cm</sup>. Bucuresci, Instit. de arte grafice „C. Göbl,” 1903.

Agr 3—692

At head of title: Ministerul agriculturii, comericiului, industriei și domeniilor; Serviciul statisticeii generale.

Added title in French.

Text in Rumanian, tables in Rumanian and French.

**Connecticut**—*Secretary*. Register and manual of the state of Connecticut. 1903 . . . front., fold. col. maps, tab. 19<sup>cm</sup>. Hartford, The Case, Lockwood & Brainard co., printers, 1903.

**Denmark**—*Statistiske bureau*. . . . Statistiske meddelelser . . . Communications statistiques . . . 4. række, 12. bd. 23½<sup>cm</sup>. København, Bianco Lunos bogtrykkeri, 1903.

**Dresden**—*Statistisches amt*. Monatsberichte . . . auf das jahr 1902. 25. jahrg. tab. 27<sup>cm</sup>. [Dresden, Buchdruckerei der Dr. Güntz'schen stiftung vormals E. Blochmann & sohn, 1902]

**Egypt**—*Douanes égyptiennes, Direction générale des*. Le commerce extérieur de l'Égypte pendant l'année 1902. 27½<sup>cm</sup>. Alexandrie, Imprimerie générale A. Mourès & cie., 1903.

**Finland**—*Government*. Befolkningsstatistik. no. 34. Öfersikt af folkmängdsförändringarna i Finland år 1900. Med en återblick på tidrymden 1816–1900 . . . tab. 26<sup>cm</sup>. Helsingfors, Kejserliga senatens tryckeri, 1903. (Bidrag till Finlands officiella statistik. [ser.] vi)

**Finland**—*Government*. . . . Fattigvården i Finland år 1899 . . . no. 7. tab. 26<sup>cm</sup>. Helsingfors, Kejserliga senatens tryckeri, 1903. (Bidrag till Finlands officiella statistik. xxi. Fattigvårds-statistik. A)

**Fisk**, George M. Die handelspolitischen und sonstigen völkerrechtlichen beziehungen zwischen Deutschland und den Vereinigten Staaten von Amerika. Eine historisch-statistische studie . . . xiv, 254 p. 23½<sup>cm</sup>. Stuttgart, J. G. Cotta'schen buchhandlung nachfolger, 1897. (*Added t.p.*: Münchener volkswirtschaftliche studien. Hrsg. von Lujo Brentano und Walther Lotz. 20. stück) Agr 3—757  
"Litteraturverzeichnis": p. [ix]–xii.

**Germany**—*Kaiserliches statistisches amt*. Statistik des Deutschen Reichs. bd. 150–151. 32<sup>cm</sup>. Berlin, Verlag von Puttkammer & Mühlbrecht, 1903.

CONTENTS.—Die volkszählung am 1. Dezember 1900 im Deutschen Reich. 1.–2. teil.

**Great Britain**—*Colonial office*. Colonial reports—annual. no. 358. 24½<sup>cm</sup>. London, H. M. Stationery off., 1902.

CONTENTS.—Malta. Report for 1901.

**Great Britain**—*Custom house—Statistical office*. Annual statement of the trade of the United Kingdom with foreign countries and British possessions. 1902 compared with the four preceding years. Compiled at the Custom house from documents collected by that Department. Vol. I. (Abstract and detailed tables of imports and exports.) . . . 33½<sup>cm</sup>. London, Printed for H. M. Stationery off., 1903.

**Great Britain**—*Trade, Board of*. Colonial import duties. 1902. Return relating to the rates of import duties levied upon the principal and other articles imported into the colonies and other possessions of the United Kingdom (duties in force, so far as notified to the Board of trade, at date of issue of this return, November, 1902) . . . tab. 24½<sup>cm</sup>. London, Printed for H. M. Stationery off., 1902.

**Great Britain**—*Trade, Board of*. Statistical abstract for the several colonial and other possessions of the United Kingdom in each year from 1887–1901. 39th no. tab. 24<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Hamburg**, *Handelskammer zu*. Hamburg's handel im jahre 1902. 24<sup>cm</sup>. Hamburg, Ackermann & Wulff nachfl., Grosardt & Gowa [1903]

**Ireland**—*Agriculture and technical instruction for Ireland, Department of*. Agricultural statistics of Ireland, with detailed report for the year 1902. 24<sup>cm</sup>. Dublin, Printed for His Majesty's stationery office, by Alexander Thom & co. (limited), 1903.

**Japan**—*Statistique générale, Section de la*. . . . Résumé statistique de l'empire du Japon. 17. année. fold. map, tab., fold. diagr. 26½<sup>cm</sup>. Tokio, 1903.  
In Japanese and French.

**Kolonial-wirtschaftliches komitee**. . . . Jahresbericht 1901/1902. fold. tab., diagr. 24<sup>cm</sup>. [Berlin, E. S. Mittler & sohn, Königliche hofbuchdruckerei, 1902?]



**London county council**—*Local government and statistical department*. London statistics, 1901-1902 . . . v. XII. tab. 33<sup>cm</sup>. [London, London county council, 1903]

**Memphis merchants' exchange**. Annual statement of the trade and commerce of Memphis, Tennessee, for the year 1902 . . . 23½<sup>cm</sup>. Memphis, Tenn., Press of S. C. Toof & company [1903]

The **Merchants'** magazine and commercial review. v. 31-33, 36-43, 45-49; July 1854-Dec. 1855; Jan. 1857-Dec. 1860; July 1861-Dec. 1863. fold. pl., port. 22<sup>cm</sup>. New York, W. B. Dana, 1854-63.

Vol. 31-43, title reads: Hunt's merchants' magazine and commercial review.

Vol. 31-37 ed. by Freeman Hunt.

Vol. 45 ed. by I. Smith Homans and William B. Dana.

Vol. 46-49 ed. by William B. Dana.

**Mexico**—*Fomento, colonización é industria, Secretaría de—Estadística, Dirección general de*. . . Anuario estadístico de la República Mexicana, 1901 . . . tab. 30½<sup>cm</sup>. México, Oficina tipográfica de la Secretaría de fomento, 1902.

**Mexico**—*Fomento, colonización é industria, Secretaría de—Estadística, Dirección general de*. Censo y división territorial del estado de Zacatecas, verificados en 1900. tab. 30<sup>cm</sup>. México, Oficina tip. de la Secretaría de fomento, 1902.

**Michigan**—*Labor and industrial statistics, Bureau of*. . . Twentieth annual report . . . including the tenth annual report of state inspection of factories . . . front., pl., tab. 23½<sup>cm</sup>. Lansing, R. Smith printing co., state printers and binders, 1903.

**New Hampshire**—*Secretary of state*. . . Manual for the General court, 1903. no. 8. front. (port.) tab. 20<sup>cm</sup>. Concord [Printed by I. C. Evans co.] 1903.

**New Zealand**—*Registrar-general*. . . Results of a census of the colony of New Zealand taken for the night of the 31st March, 1901 . . . tab. (partly fold.) 33½<sup>cm</sup>. Wellington, J. Mackay, government printer, 1902.

**North Dakota**—*Treasurer*. Report . . . [biennial] [2d-6th] 1892/93-1901/02. 24<sup>cm</sup>. Bismarck [etc.] 1894-1903.

**Norway**—*Statistisk centralbureau*. Fortegnelse over Norges officielle statistik, med flere statistiske værker. 1828-30 juni 1889 . . . 2 p. l., 35 p. 25½<sup>cm</sup>. Kristiania, E. Walle & co.s bogtrykkeri, 1889.

— — — 1 juli 1889-31 december 1891. 9, [1] p. 24<sup>cm</sup>. [Kristiania, 1892]

— — — 1 januar 1892-31 december 1894. 9, [1] p. 24½<sup>cm</sup>. [Kristiania, 1895]  
In Norwegian and French.

**Ontario**—*Crown lands, Department of*. Report . . . for the year 1902 . . . tab. 24½<sup>cm</sup>. Toronto, L. K. Cameron, Printer to the King's Most Excellent Majesty, 1903.

**Ontario**—*Public works, Commissioner of*. Report . . . for the year ending 31st December, 1902 . . . pl., plan, tab. 24½<sup>cm</sup>. Toronto, L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

**Ontario**—*Secretary and registrar*. Report . . . for the year ending 31st day of December, 1902 . . . tab. 24½<sup>cm</sup>. Toronto, L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

**Peoria**—*Trade, Board of*. 33d annual report of the trade and commerce of the city of Peoria for the year ending December 31, 1902. Compiled for the Peoria board of trade by Robert C. Grier, secretary. 23<sup>cm</sup>. Peoria, Ill., E. Hine & co., printers, 1903.

**Peru**—*Hacienda y comercio, Ministerio de—Aduanas y estadística comercial, Sección de*. Reglamento de comercio y aduanas del Perú, con las leyes y disposiciones supremas vigentes que lo modifican . . . 3. ed. . . 332 [1] p. 20½<sup>cm</sup>. Lima, Imprenta y librería de San Pedro, 1901.



**Philadelphia, Commercial exchange of.** 49th annual report . . . 1903. 25½<sup>cm</sup>. Philadelphia, J. R. McFetridge & sons, printers, 1903.

**Philadelphia produce exchange.** Twenty-ninth annual report . . . January 21st, 1903. tab. 22½<sup>cm</sup>. Philadelphia, Press of W. A. Church [1903]

**Roumania—Agriculturei, industriei, comerului și domeniilor, Ministerul—Statisticii generale, Serviciul.** Statistica agricolă pentru anul 1902. tab. 31½<sup>cm</sup>. Bucuresci, Imprimeria statului, 1903.

Publicată în "Monitorul oficial" no. 252 din 14 Februarie 1903.

**Russia—Vnutrennikh dyel, Ministerstvo—Tsentral'nuï statisticheskii komitet [Internal affairs, Ministry of—Central statistical committee]** . . . Résultats généraux de la récolte en Russie en 1902 . . . tab. 27<sup>cm</sup>. St.-Petersb., 1903.

**Russia—Vnutrennikh dyel, Ministerstvo—Tsentral'nuï statisticheskii komitet [Internal affairs, Ministry of—Central statistical committee]** . . . Urozhai 1902 goda [Crops in 1902] [pt.] 1-2. tab. 26½<sup>cm</sup>. S.-Peterburg, 1902-03. (Statistika Rossiiskoi imperii [Statistics of the Russian empire] 54)

**San Francisco. Merchants' exchange.** First annual report . . . tab. 23<sup>cm</sup>. San Francisco, Commercial publishing company, printers, 1902.

**Savannah, Ga.—Trade, Board of.** . . . Twentieth annual report, 1902-1903 . . . With appendix containing history of the Savannah board of trade, 1883 to 1903, and history Savannah bureau of freight and transportation . . . 23½<sup>cm</sup>. Savannah, The morning news print, 1903.

**South Australian chamber of manufactures.** Thirty-third annual report . . . for the year ended July 24th, 1902. front., port. 22<sup>cm</sup>. Adelaide, J. L. Bonython & co., 1903.

**Spain—Aduanas, Dirección general de.** Estadística general del comercio exterior de España en 1901 . . . parte 1-2. tab. (partly fold.) 34<sup>cm</sup>. Madrid, Establecimiento tipográfico de J. Sastre y compañía, 1902-03.

**Styria (Austria)—Statistisches landesamt.** Statistische mittheilungen über Steiermark . . . hft. xi. tab. 27<sup>cm</sup>. Graz, In commission bei Leuschner & Lubensky's universitäts-buchhandlung, 1903.

CONTENTS.—Beiträge zur statistik des gemeindehaushaltes. I.

**Switzerland—Assurances, Bureau fédéral des.** Rapport . . . sur les entreprises privées en matière d'assurances en Suisse en 1901. Publié conformément à la décision du Conseil fédéral suisse du 22 mai 1903. tab. 28<sup>cm</sup>. Berne, Schmid & Francke, 1903.

**Tasmania—Statistician.** Statistics of the state of Tasmania for the year 1901 . . . tab. 32½<sup>cm</sup>. [Hobart?] J. Vail, government printer, 1902.

**Western Australia—Registrar-general.** . . . Statistical register of the colony . . . for 1900 and previous years . . . fold. maps, tab., diagr. 33<sup>cm</sup>. Perth, W. A. Watson, Gov't print., 1902.

## 29. LEGISLATION AND LAWS.

**California—Legislature.** The statutes of California and amendments to the codes, passed at the thirty-fifth session of the legislature, 1903 . . . 23<sup>cm</sup>. Sacramento, W. W. Shannon, superintendent state printing, 1903.

. . . The **Federal reporter.** v. 118-120. Cases argued and determined in the circuit courts of appeals and circuit and district courts of the United States. Permanent ed. December, 1902-April, 1903. A table of statutes construed is given in the index. 22½<sup>cm</sup>. St. Paul, West publishing co., 1903. (National reporter system. United States series)

**General digest**, American and English, annotated; refers to all reports, official and unofficial. v. xiv, new ser. 26½<sup>cm</sup>. Rochester, N. Y., The lawyers' co-operative publishing company, 1903.

**Nevada—Legislature.** Statutes of the state of Nevada passed at the 21st session of the legislature 1903 . . . 22½<sup>cm</sup>. Carson City, Nevada, State print. off., 1903.

**New York (State)—Library.** . . . Bulletin 80; legislation 19. Review of legislation 1902 . . . 23<sup>cm</sup>. Albany, University of the State of New York, 1903.

**Porto Rico—Legislative assembly.** Acts and resolutions of the first session of the second legislative assembly of Porto Rico . . . January 12 to March 12, 1903 . . . 23<sup>cm</sup>. San Juan, Porto Rico, 1903.

**Utah—Legislature.** Laws . . . passed at the fifth regular session . . . 1903 . . . 26<sup>cm</sup>. Provo, Utah, Press and bindery of the Skelton publishing co. [1903]

### 30. ROADS AND ENGINEERING.

**Johnson, Columbus O.** Water supply and prevention of waste in leading European cities; report . . . to the Merchants' association of New York. 3 p. l., 289 p. incl. illus., forms. fold. diagr. 23½<sup>cm</sup>. [New York, Economist press] 1903. 3—8347

**Norway—Statens veivæsen.** Normaler for statens veivæsen. 2 p. l., 53 numb. l. plans, tab., diagr. 23<sup>cm</sup>. [n. p.] 1901.

**Rhode Island—General assembly—Roads and public highways, Joint committee on.** . . . Report of the Joint committee to examine into the condition of the roads and public highways of the State, made to the General assembly at its January session, 1895. 36 p. front. (fold. map) fold. tab. 23½<sup>cm</sup>. Providence, E. L. Freeman & son, state printers, 1895.

Agr 3—755

**Rhode Island—Public roads, State board of.** . . . First annual report . . . January, 1903. fold. map. 23½<sup>cm</sup>. Providence, E. L. Freeman & sons, state printers, 1903.

### 31. EDUCATION (NOT AGRICULTURAL).

**Adelaide (So. Aus.) University.** Calendar . . . for the year 1903. 20½<sup>cm</sup>. Adelaide, W. K. Thomas & co., printers, 1903.

**Arizona—University, Tucson.** Register . . . eleventh year, 1901–1902; announcements, 1902–1903. front. (fold. map) fold. tab. 19<sup>cm</sup>. Tucson, The citizen printing and publishing company, 1902.

**California—University.** . . . Register, 1902–1903. 20<sup>cm</sup>. Berkeley, The university press, 1903.

**Coe college, Cedar Rapids, Iowa.** Annual catalogue . . . for the twenty-second year, 1902–1903. front., pl. 21½<sup>cm</sup>. Cedar Rapids, Coe college press, 1903.

**Connecticut—Education, Board of.** . . . Report . . . plates, port., maps (1 fold.) tab., fold. charts. 24<sup>cm</sup>. [Hartford] Hartford press, The Case, Lockwood & Brainard company, 1901.

**Cornell university.** The register . . . 1900–1901. front. (fold. map) 19½<sup>cm</sup>. Ithaca, N. Y., The university, 1901.

**Czernowitz, K. K. Franz-Josefs-universität zu.** Die feierliche inauguration des rektors . . . für das studienjahr 1902/1903 am 2. dezember 1902. 23<sup>cm</sup>. Czernowitz, K. K. Universität, 1902.

**Georgia—Education, Department of.** The twenty-seventh annual report . . . tab. 23½<sup>cm</sup>. Atlanta, G. W. Harrison, state printer, 1899.

**Great Britain—Education, Board of.** . . . General reports of H. M. inspectors on elementary schools and training colleges for the year 1901 . . . 24½<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Great Britain—Education, Board of.** . . . General reports of H. M. inspectors on science & art schools & classes & evening schools, and of examiners in science & art, for the year 1901 . . . 24½<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Great Britain—Education, Board of.** . . . Regulations for evening schools. (From 1st August 1902 to 31st July 1903) . . . 14 p. 24<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Great Britain—Education, Board of.** . . . Regulations for secondary day schools. (From 1st August 1902 to 31st July 1903) . . . 24 p. 24½<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Great Britain—Education, Board of.** . . . Regulations relating to museums & institutions. (From 1st August 1902 to July 1903) . . . vi, 148 p. 24<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Great Britain—Education, Board of.** . . . Report . . . for the year 1901–1902 . . . tab. 24½<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Great Britain—Education, Board of.** . . . Report for the year 1901, on the museums, colleges and institutions, under the administration of the Board of education . . . maps, tab. 24½<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Great Britain—Education, Board of.** . . . Supplementary regulations for secondary day schools and for evening schools. (From 1st August 1902 to 31st July 1903) . . . 399 p. 24½<sup>cm</sup>. London, H. M. Stationery off., 1902.

**Idaho—Public instruction, Department of.** Biennial report . . . 1900 . . . tab. 21<sup>cm</sup>. Boise, Capital printing office [1901]

**Idaho—University.** . . . Announcements, 1897–98. illus. 15<sup>cm</sup>. Moscow [1897]

**Illinois—University.** . . . Catalog . . . 1902–03. front. (plan) 19½<sup>cm</sup>. Urbana, Illinois, The University, 1903.

**Illinois—University.** . . . The university studies . . . v. 1, no. 3. tab., diagr. 25½<sup>cm</sup>. Urbana, University press, 1902.

CONTENTS.—A statistical study of Illinois high schools, by Frederick Gordon Bonser.

**Louvain, Université catholique de.** Annuaire . . . 1903. 67. année. 19½<sup>cm</sup>. Louvain, Typographie de J. van Linthout [1903]

**Marion military institute, Marion, Ala.** . . . Catalogue, 1901–1902 . . . pl., port. 23<sup>cm</sup>. Nashville, Tenn., McQuiddy printing co., 1902. (Bulletins of the Marion military institute, n. s. v. 1, no. 1)

**Massachusetts institute of technology, Boston.** . . . Thirty-eighth annual catalogue of the officers and students, with a statement of the courses of instruction and a register of the alumni, 1902–1903. front. (fold. map) 22½<sup>cm</sup>. Boston, G. H. Ellis co., printers, 1903.

**Massachusetts institute of technology, Boston.** Annual report of the president and treasurer, December 10, 1902. 22½<sup>cm</sup>. Boston, G. H. Ellis co., printers, 1902.

**Michigan—University.** Calendar . . . 1902–1903. 19<sup>cm</sup>. Ann Arbor, The University, 1903.

**Minnesota—University.** Twelfth biennial report . . . for the fiscal years 1901 and 1902 ending July 31st . . . 23<sup>cm</sup>. St. Paul, The Pioneer press company, state printers, 1902.

**Nebraska—Public instruction, Department of.** Sixteenth biennial report . . . January 1, 1901. front., pl., port., plans, tab. 22<sup>cm</sup>. [Fremont, Neb., Fremont tribune, 1901]

**Nebraska—Public instruction, Department of.** The school laws and school land laws of Nebraska, as revised and amended in 1901. With explanatory notes and citations and Supreme court decisions, for the use of school officers . . . 176 p. 21½<sup>cm</sup>. Lincoln, Neb., State journal company, printers, 1901.



**Nevada**—*Public instruction, Department of.* . . . Biennial report of the superintendent public instruction, 1899–1900 . . . tab. 23<sup>cm</sup>. Carson City, Nevada, State printing office, 1901.

**New Mexico**—*Public instruction, Superintendent of.* . . . Report . . . for the year ending December 31st, 1898. illus. 22½<sup>cm</sup>. Santa Fé, New Mexican printing company, 1899.

**Ontario**—*Education department.* Report . . . for the year 1902 . . . (with the statistics of 1901) . . . 2 pts. pl., tab. 24<sup>cm</sup>. Toronto, L. K. Cameron, Printer to the King's Most Excellent Majesty, 1903.

**Purdue university, Lafayette, Ind.** The annual catalogue . . . 1902–1903, with announcements for 1903–1904. 18½<sup>cm</sup>. Indianapolis, W. B. Burford, printer and binder, 1903.

**Southern industrial classes, Norfolk, Va.** Report . . . By Elizabeth C. Hobson, June, 1903. map. 23<sup>cm</sup>. Hampton, Va., Hampton institute press, 1903.

**Thomas S. Clarkson memorial school of technology, Potsdam, N. Y.** . . . Catalogue 1902–1903; announcements 1903–1904. 23<sup>cm</sup>. Potsdam, N. Y., Printed for the School [1903]

**Toronto, University of.** Annual report of the president . . . for the year ending June 30th 1902 . . . 24½<sup>cm</sup>. Toronto, L. K. Cameron, printer to the King's Most Excellent Majesty, 1903.

**Universidad mayor de San Márcos de Lima.** . . . Anales . . . tomo XXIX. 1 fold. pl. 21½<sup>cm</sup>. Lima, Imprenta liberal, 1902.

**Vermont**—*University and State agricultural college.* Catalogue . . . 1902–1903. 19<sup>cm</sup>. Burlington, Free press association, 1902.

**Wisconsin**—*Public instruction, Department of.* Biennial report . . . for the two years ending June 30, 1898 . . . front., pl., tab. 23<sup>cm</sup>. Madison, Democrat printing company, state printer, 1898.

**Wisconsin**—*Public instruction, Department of.* Laws of Wisconsin relating to common schools, free high schools, normal schools, the state university and county and city superintendents, teachers' institutes, etc., pub. in conformity with law under the direction of L. D. Harvey, state superintendent. 2 p. l., 289 p. 22½<sup>cm</sup>. Madison, Democrat printing company, state printer, 1901.

Agr 3—626

**Württemberg**—*Kirchen- und schulwesens, K. ministerium des.* Statistik des unterrichts- und erziehungswesens im königreich Württemberg auf das schuljahr 1901/02 . . . 28<sup>cm</sup>. Stuttgart, Druck von W. Kohlhammer, 1903.

**Yale University.** Catalogue of the officers and graduates of Yale university in New Haven, Connecticut, 1701–1901. 4 p. l., 420, [2] p. 24<sup>cm</sup>. New Haven, The Tuttle, Morehouse & Taylor company, 1901.

3—11375

### 32. GEOGRAPHY, DESCRIPTION AND TRAVEL.

**Baedeker, Karl.** Northern Germany as far as the Bavarian and Austrian frontiers; handbook for travellers . . . 13th rev. ed. front., maps (partly fold.) plans. 16<sup>cm</sup>. Leipsic, K. Baedeker; [etc., etc.] 1900.

**Baedeker, Karl.** Southern Germany. Handbook for travellers . . . 9th rev. ed. xxviii, 295 p. maps (partly fold.) plans. 16<sup>cm</sup>. Leipsic, K. Baedeker, 1902.

**Hulbert, Archer Butler.** Historic highways of America . . . v. 5. pl., maps (partly fold.) 19½<sup>cm</sup>. Cleveland, O., The A. H. Clark company, 1903.

CONTENTS.—The Old glade (Forbes's) road (Pennsylvania state road)

**Pecos irrigation company, Carlsbad, New Mexico.** Irrigation conquers drouth in the Pecos valley of New Mexico, issued by the Pecos irrigation company, Carlsbad, N. M. cover-title, 16, [1] p. illus., pl. 28½<sup>cm</sup>. [Carlsbad] Carlsbad argus print., 1901.

Agr 3—630

**Peru**—*Obras públicas, Dirección de*. Perú; a sketch for capitalists, tradesmen and settlers; a report on the industries that can be developed and on those that might be introduced. 58 p., 1 l. front., pl., 2 col. maps (1 fold.) 1 fold. tab. 19½<sup>cm</sup>. [Lima, 1903] Agr 3—753

**St. John**, Sir Spenser. Life in the forests of the far east; or Travels in northern Borneo . . . 2d ed. rev. 2 v.: 16 col. pl. incl. 2 front., 3 fold. maps. 22<sup>cm</sup>. London, Smith, Elder and co., 1863. Agr 3—752

**Scheck**, Allard, *comp.* Fuehrer zur gesellschaftsreise durch die Vereinigten Staaten von Nord-Amerika, veranstaltet von der Deutschen landwirtschafts-gesellschaft in der zeit vom 2. mai bis 24. juni, 1903. Ausgearb. von den landwirtschaftlichen sachverstaendigen forst-assessor Scheck und John I. Schulte . . . 38 p. front., pl. (partly fold.) fold. map. 24½<sup>cm</sup>. [Buffalo and New York, The Matthews-Northrup works, 1903] Agr 3—690

### 33. GENERAL SERIAL PUBLICATIONS.

**Australian museum, Sydney.** . . . Report of trustees for . . . 1892, 1895, 1899. [no. 39, 42, 46] 33<sup>cm</sup>. [Sydney, W. A. Gullick, government printer, 1893-1900] Completes Library set from 1892 to date.

**Bergens museum.** Bergens museums aarbog, 1902 . . . 2.-3. hft. illus., double pl., maps, tab. 23½<sup>cm</sup>. Bergen, J. Griegs bogtrykkeri, 1902-03.

**Brussels.** Académie royale des sciences, des lettres et des beaux-arts de Belgique. Annuaire . . . 1903. 69. année. port. 19<sup>cm</sup>. Bruxelles, Hayez, imprimeur de l'Académie royale de Belgique, 1903.

**Buenos Ayres (City)** Museo nacional de Buenos Aires. Anales . . . ser. III, tom. 1, entrega 2. illus., fold. pl. 28<sup>cm</sup>. Buenos Aires, Imprenta de J. A. Alsina, 1902.

**Carnegie institution, Washington, D. C.** . . . Year book, no. 1, 1902. 25½<sup>cm</sup>. Washington, Pub. by the Institution, 1903.

**Carnegie museum, Pittsburgh.** . . . Annual report of the director for the year ending March 31, 1901-1902. front. (port.) pl. 22½<sup>cm</sup>. [Pittsburgh] 1901-02.

**Carnegie museum, Pittsburgh.** . . . [5th-6th] prize essay contest, 1900-1901. front. (port.) 22½<sup>cm</sup>. [Pittsburgh, 1900-01]

**Colorado college studies.** v. x. illus., facsim., diagr. 23½<sup>cm</sup>. Colorado Springs, 1903.

Papers read before the Colorado college scientific society.

**Connecticut academy of arts and sciences.** Transactions . . . v. XI, (centennial volume) illus., 104 (i. e. 110) pl. 24½<sup>cm</sup>. New Haven, The Academy, 1901-02.

**Geneva.** Société de physique et d'histoire naturelle de Genève. Mémoires . . . v. 34, fasc. 3. 28 pl. 31<sup>cm</sup>. Genève, Georg & c<sup>ie</sup>; [etc., etc.] 1903.

**Leeds philosophical and literary society.** The eighty-second report of the council . . . at the close of the session 1901-1902. Read at the annual meeting, May 6th, 1902. 24½<sup>cm</sup>. Leeds, Jowett & Sowry, printers and lithographers, 1902.

**Mâcon, Académie de.** Annales . . . 3. sér., tome VI. pl., port. 24<sup>cm</sup>. Mâcon, Protat frères, imprimeurs, 1901.

**Metz, Académie de.** . . . Mémoires . . . LXXXI. année, 3. sér., XXIX. année, 1899-1900. 23<sup>cm</sup>. Metz, Impr. Lorraine, 1902.

Includes Tables générales récapitulatives de 1819 à 1895, par N. Box (to be continued)

**New York (city)** General society of mechanics and tradesmen. One hundred and seventeenth annual report . . . for the year ending December 31, 1902. front., pl. 23<sup>cm</sup>. New York, 1903.



**São Paulo, Brazil (State) Museu Paulista.** Revista do Museu Paulista, publicada por H. von Ihering . . . vol. v. illus., port., xviii pl. (partly col.) 24<sup>cm</sup>. São Paulo, Typographia do "Diario official", 1902.

**Université Laval, Québec.** Conférences publiques, 1901-1902. 463, [1] p. 23<sup>cm</sup>. Québec, Impr. S.-A. Demers, 1902.

**Verein für hessische geschichte und landeskunde.** Mittheilungen an die mitglieder . . . jahrg. 1901. 22<sup>cm</sup>. Kassel, Druck von L. Döll, 1903.

**Verein für hessische geschichte und landeskunde.** Zeitschrift . . . neue folge. 26. bd. (Der ganzen folge xxxvi. bd.) illus., vii pl. (incl. fold. plan) Kassel, A. Freyschmidt's buchhandlung (G. Dufayel) 1903.

**Verona, Accademia d' agricoltura, scienze, lettere, arti e commercio de.** Memorie . . . v. LXXIV, ser. III, fasc. I-II. illus., fold. pl., fold. map, tab. (partly fold.) 23<sup>cm</sup>. Verona, Stabilimento tipo-lit. G. Franchini, 1898.

### 34. BIOGRAPHY.

**Penzig, Otto.** . . . Cenni sulla vita e sulle opere di Antonio Piccone. 11 p. 24<sup>cm</sup>. Genova, Tipografia di A. Ciminago, 1901.

Agr 3-754

"Elenco dei lavori pubblicati da Antonio Piccone": p. 9-11.

Estratto dagli Atti della Società ligustica di scienze naturali e geografiche, anno XII. v. XII.

### 35. REFERENCE BOOKS, BIBLIOGRAPHY AND LIBRARY ECONOMY.

The **Annual American catalogue**, cumulated, 1900-1902. 25½<sup>cm</sup>. New York, Office of the Publishers' weekly, 1903.

**Appletons' annual cyclopædia and register of important events of the year 1902**, embracing political, military and ecclesiastical affairs; public documents; biography, statistics, commerce, finance, literature, science, agriculture, and mechanical industry. 3d ser., v. VII, whole ser., v. XLII. front., illus., pl., port. 25½<sup>cm</sup>. New York, D. Appleton and company, 1903.

**Ayer, N. W., and son.** . . . American newspaper annual . . . 1626 p. 25<sup>cm</sup>. Philadelphia, N. W. Ayer & son, 1903.

**Bangor, Me.—Public library.** Annual report . . . to the City council for the municipal year 1902-1903. 23½<sup>cm</sup>. [Bangor] O. F. Knowles & co., printers [1903]

**Brooklyn, N. Y.—Public library.** Fifth annual report of the Board of directors . . . December 31st, 1902. front., pl., tab. 23<sup>cm</sup>. Brooklyn, Eagle press, 1903.

**Carnegie public library, Bradford, Pa.** Third annual report . . . year ending March 1, 1903. 23<sup>cm</sup>. Bradford, Pa., Ingram printing company [1903]

**Chicago—Public library.** Thirtieth annual report . . . June 1902. 23½<sup>cm</sup>. Chicago, The Chicago public library, 1902.

**Cleveland—Public library.** . . . Thirty-fourth annual report for the year 1902 with accompanying documents. tab. 23<sup>cm</sup>. Cleveland, H. Carr [1903]

. . . **Commercial press English and Chinese pronouncing dictionary.** Comprising 100,000 words and phrases, with translations, pronunciations, etymologies, definitions, illustrations, etc., etc., also a copious index. 1st ed. 5 p. l., [1], iii, [4], 1835 p., 1 l., 22, 8, 2, 19 p. illus. 23½<sup>cm</sup>. Shanghai, Printed at the Commercial press, 1902.

Agr 3-705

**Deutsch-amerikanischer techniker-verband.** Verbands-statuten und mitglieder-listen . . . cover-title, 60 p. 15½<sup>cm</sup>. n. p., 1902.

**Directory of paper makers of the United Kingdom** . . . 26½<sup>cm</sup>. London, M. Singer & co. [1903]



**District of Columbia**—*Public library*. Fifth annual report of the Board of trustees and fourth annual report of the librarian . . . for the fiscal year ended June 30, 1902. front., pl., port., plans. 23<sup>cm</sup>. Washington, 1902.

. . . The **English** catalogue of books for 1902; giving in one alphabet, under author and subject, the size, price, month of publication, and publisher of books issued in the United Kingdom, and of the principal books issued in the United States. Being a continuation of the 'London' and British catalogues [annual] 66th year of issue. 25½<sup>cm</sup>. London, S. Low, Marston & company, limited, 1903.

[**Fenaroli**, Giuliano] Il primo secolo dell' Ateneo di Brescia, 1802-1902. 6 p. l., 482, xlviii p. front., illus., pl., port., fold. col. plan. 32<sup>cm</sup>. Brescia, Stab. tipo-lit. F. Apollonio, 1902.

Agr 3-672

**Fletcher**, William Isaac, *ed.* The annual literary index, 1902 . . . ed. . . . by W. I. Fletcher and R. R. Bowker. 27<sup>cm</sup>. New York, Office of the Publishers' weekly, 1903.

**Hitchler**, Theresa. Comparative cataloguing-rules; 20 points in 10 codes briefly compared . . . 31 p. 23½<sup>cm</sup>. New York, G. G. Peck, 1903.

3-7309

**Italy**—*Agricoltura, industria e commercio, Ministero di—Biblioteca*. . . . Catalogo della biblioteca. xiv, [2], [993] p. 26<sup>cm</sup>. Roma, Tip. eredi Botta, 1889.

Arranged in 14 classes (separately paged)

— — — Supplemento dal 1° agosto 1889 al 31 dicembre 1892. xiv, 119 p. 26<sup>cm</sup>. Roma, Tipografia nazionale di G. Bertero, 1893.

— — — Supplemento (secondo) dal 1° gennaio 1893 al 31 marzo 1898. xviii, 420 p. 26<sup>cm</sup>. Roma, G. Bertero, 1898.

3-1936-S

"Conta non meno di 130 mila volumi al 31 marzo 1898."

— — — Supplemento (terzo) dal 1° aprile 1898 al 31 ottobre 1902; appendice, elenco generale delle pubblicazioni del Ministero al 31 ottobre 1902. xvii, [2], 465, 72 p. 26<sup>cm</sup>. Roma, Tipografia nazionale di G. Bertero e c., 1902.

**Kleemeier**, Friedrich Johann. Handbuch der bibliographie. Kurze anleitung zur bücherkunde und zum katalogisieren. Mit literaturangaben, übersicht der lateinischen und deutschen namen aller druckstätten, sowie mit alphabetischem verzeichnis von abkürzungen, wörterklärungen und mit register . . . viii, 299 p. 21<sup>cm</sup>. Wien [etc.] A. Hartleben, 1903.

3-3400

Book advertisements: p. 300-304.

"Bibliographische systeme": p. 200-213.

"Bibliographien der einzelnen wissenschaften und länder," a selected, classified list: p. 214-261.

**Kürschners** deutscher litteratur-kalender auf das jahr 1903; hrsg. von Hermann Hillger. 25. jahrg. front. (port.) 17½<sup>cm</sup>. Leipzig, G. J. Göschen [1903]

The **new** international encyclopædia. Editors Daniel Coit Gilman . . . Harry Thurston Peck . . . Frank Moore Colby . . . v. viii-x. illus., pl. (partly col.) port., maps (partly double), facsim., tab., diagr. 26<sup>cm</sup>. New York, Dodd, Mead and company, 1903.

CONTENTS.—Fuller's earth-Larramendi.

**Oxford university**—*Radcliffe library*. Catalogue of books added . . . during the year 1873-1902. 26<sup>cm</sup>. Oxford, Printed for the Radcliffe trustees, 1874-1903.

Wanting 1875.

**Oxford university**—*Radcliffe library*. Catalogue of books on natural science . . . up to Dec., 1872. With an appendix containing a list of works on India, having reference to comparative national health. 2 p. l., 566 p. 26<sup>cm</sup>. Oxford, Printed for the Radcliffe trustees, 1877.

1-Z-276

The library is placed in the Oxford university museum.

**Paris. Bibliothèque nationale.** Catalogue général des livres imprimés de la Bibliothèque nationale; auteurs. Tome XII-XIII. 25<sup>cm</sup>. Paris, Imprimerie nationale, 1902-03.

At head of title: Ministère de l'instruction publique et des beaux-arts.

CONTENTS.—Berth-Blanz.

**Philadelphia city institute.** Fifty-first annual report of the managers . . . Presented to the members and contributors at their annual meeting, March 30th, 1903 . . . 22½<sup>cm</sup>. Philadelphia, J. W. Spence, printer, 1903.

**Porto Rico—Governor.** Message of the Hon. William H. Hunt, Governor of Porto Rico, to the 2d legislative assembly, 1st session, January 13, 1903. 23<sup>cm</sup>. [n. p., Press of Louis E. Yuzo & company, 1903]

**Rhees, William Jones.** . . . List of publications of the Smithsonian institution, 1846-1903. Pt. I. Complete list. Pt. II. Available for distribution . . . 4 p. l., 99 p. 24½<sup>cm</sup>. Washington city, 1903. (Smithsonian miscellaneous collections 1376)

**St. Louis. Louisiana purchase exposition.** . . . Official classification of exhibit departments . . . 1 l., 59 p. 23<sup>cm</sup>. [St. Louis? 1902?]

**St. Louis. Louisiana purchase exposition.** . . . Rules and regulations governing the system of awards. 8 p. 23<sup>cm</sup>. Saint Louis, 1902.

**Smith, Sir William.** A copious and critical English-Latin dictionary. By William Smith and Theophilous D. Hall . . . To which is added a dictionary of proper names. xi, [i], 964 p., 1 l., 709-754 p. 26½<sup>cm</sup>. New York, Chicago [etc.] American book company [1871]

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**Sweden—Kongliga bibliotek.** Sveriges offentliga bibliotek, Stockholm, Upsala, Lund, Göteborg. Accessions-katalog, 16, 1901 . . . 22½<sup>cm</sup>. Stockholm, Kungl. boktryckeriet, P. A. Norstedt & söner, 1902-03.

**Vicaire, Georges, comp.** Manuel de l'amateur de livres du XIX<sup>e</sup> siècle, 1801-1893 . . . fasc. 12-13. 25½<sup>cm</sup>. Paris, A. Rouquette, 1901-02.

Fasc. 12 contains the completion of v. 4.

**Wetterauische gesellschaft für die gesamte naturkunde zu Hanau a. M.—Bibliothek.** Erster nachtrag zum katalog . . . 3 p. l., 124 p. 23<sup>cm</sup>. Hanau, Druck der Waisenhaus-buchdruckerei, 1902.

## BULLETINS—Continued.

- No. 38. Accessions to the Department Library, July–September, 1901.
- 39. Accessions to the Department Library, October–December, 1901.
- 40. Accessions to the Department Library, January–March, 1902.
- 41. List of references to publications relating to irrigation and land drainage; compiled by Ellen A. Hedrick. 1902.
- 42. Catalogue of the publications relating to botany in the library of the U. S. Department of Agriculture. 1902.
- 43. Accessions to the Department Library, April–June, 1902.
- 44. Accessions to the Department Library, July–September, 1902.
- 45. Accessions to the Department Library, October–December, 1902.
- 46. Accessions to the Department Library, January–March, 1903.

## INDEX CARDS TO PUBLICATIONS OF THE U. S. DEPARTMENT OF AGRICULTURE.

- Issue 1. Cards no. 1–142, indexing Yearbook, 1894–1898. Reprint, 1902.
- 2. Cards no. 143–245, indexing Farmers' Bulletins 1–100.
- 3. Cards no. 246–403, indexing Yearbook, 1899; Farmers' Bulletins 101–118.
- 4. Cards no. 404–644, indexing Farmers' Bulletins 119–128;  
Division of Accounts [special reports], 1894–1898;  
Division of Soils, Bulletins 1–16, Circulars 1–7;  
Division of Agrostology, Bulletins 1–24, Circulars 1–3, 5–28;  
Division of Botany, Bulletins 1–24, Circulars 1–29;  
Contributions from the U. S. National Herbarium, v. 1–5.
- 5. Cards no. 645–743, indexing Yearbook, 1900; Farmers' Bulletins 129–135, 137–141.
- 6. Cards no. 744–846, indexing Yearbook, 1901; Farmers' Bulletins 136, 142–158.
- 7. Cards no. 847–963, indexing Special Reports 1, 3–4, 11–12, 18, 22, 26, 28, 31, 33–36, 40, 47, 48, 50, 54, 55, 62–63;  
Miscellaneous special reports 1–10;  
Division of Botany, Bulletins 25–29, Circulars 4, 30;  
Division of Agrostology, Circulars 29–36;  
Contributions from the U. S. National Herbarium, v. 6–7.
- 8. Cards no. 964–1092, indexing Departmental Reports 1–32, 34–72;  
Office of Fiber Investigations, Annual Reports, 1890–1897, Reports 1–11;  
U. S. Flax and Hemp Commission Report.





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